

Roots of Two Transcendental Equations Determining the Frequency Spectra of Standing Spherical Electromagnetic Waves*

By Robert L. Pexton and Arno D. Steiger

Abstract. Roots of the transcendental equations

$$\frac{j_l(\lambda)}{y_l(\lambda)} = \frac{j_l(\alpha\lambda) \frac{i_{l-1}(\alpha\lambda\sqrt{|\epsilon|})}{i_l(\alpha\lambda\sqrt{|\epsilon|})} - \frac{1}{\sqrt{|\epsilon|}} j_{l-1}(\alpha\lambda)}{y_l(\alpha\lambda) \frac{i_{l-1}(\alpha\lambda\sqrt{|\epsilon|})}{i_l(\alpha\lambda\sqrt{|\epsilon|})} - \frac{1}{\sqrt{|\epsilon|}} y_{l-1}(\alpha\lambda)}$$

and

$$\frac{\eta_{l-1}(\eta) - l j_l(\eta)}{\eta y_{l-1}(\eta) - l y_l(\eta)} = \frac{\frac{|\epsilon|}{1 + |\epsilon|} \alpha \eta j_{l-1}(\alpha\eta) - l j_l(\alpha\eta) + \frac{\sqrt{|\epsilon|}}{1 + |\epsilon|} \alpha \eta j_l(\alpha\eta) \frac{i_{l-1}(\alpha\eta\sqrt{|\epsilon|})}{i_l(\alpha\eta\sqrt{|\epsilon|})}}{\frac{|\epsilon|}{1 + |\epsilon|} \alpha \eta y_{l-1}(\alpha\eta) - l y_l(\alpha\eta) + \frac{\sqrt{|\epsilon|}}{1 + |\epsilon|} \alpha \eta y_l(\alpha\eta) \frac{i_{l-1}(\alpha\eta\sqrt{|\epsilon|})}{i_l(\alpha\eta\sqrt{|\epsilon|})}}$$

for the spherical Bessel functions of the first and second kind, $j_l(x)$ and $y_l(x)$, and for the modified spherical Bessel functions of the first kind, $i_l(x)$, have been computed. The ranges for the parameters $\sqrt{|\epsilon|}$ and α , the order l and the root index n are:

$$\sqrt{|\epsilon|} = 1.0, 10.0, 100.0, 500.0; \quad \alpha = 0.1(0.1)0.7; \quad l = 1(1)15; \quad n = 1(1)30.$$

In a previous communication [1] roots of two transcendental equations involving spherical Bessel functions were presented. These roots correspond to the eigenfrequency spectra of the transverse electric and the transverse magnetic multipole fields in the domain bounded by two perfectly conducting concentric spheres ($r =$

Received December 14, 1976.

AMS (MOS) subject classifications (1970). Primary 65A05; Secondary 65H05, 78A04, 33A04.

Key words and phrases. Roots of transcendental equations, spherical Bessel functions, modified spherical Bessel functions, electromagnetic cavity resonators.

*This work was performed under the auspices of the U.S. Energy Research and Development Administration under contract No. W-7405-Eng-48.

Notice. "This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Energy Research & Development Administration, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately-owned rights."

Copyright © 1977, American Mathematical Society

αR and $r = R$, $0 < \alpha < 1$). On the surface of a perfect conductor the tangential components of the electric field and the normal component of the magnetic field vanish. In the present work these boundary conditions are assumed to hold only on the outer sphere. The inner sphere is regarded as the boundary of a nontransparent plasma core into which the electromagnetic fields penetrate as evanescent (spherical) waves. The necessary and sufficient conditions to ensure continuity of the electromagnetic field are that the tangential components of the electric and magnetic field vectors be continuous across this boundary surface, which is assumed to be charge-free and current-free.

From these boundary conditions then follow the characteristic equations [2]

$$(1) \quad \frac{j_l(\lambda)}{y_l(\lambda)} = \frac{\sqrt{\epsilon} j_{l-1}(\alpha\lambda\sqrt{\epsilon}) j_l(\alpha\lambda) - j_{l-1}(\alpha\lambda) j_l(\alpha\lambda\sqrt{\epsilon})}{\sqrt{\epsilon} j_{l-1}(\alpha\lambda\sqrt{\epsilon}) y_l(\alpha\lambda) - y_{l-1}(\alpha\lambda) j_l(\alpha\lambda\sqrt{\epsilon})}$$

and

$$(2) \quad \frac{\eta j_{l-1}(\eta) - l j_l(\eta)}{\eta y_{l-1}(\eta) - l y_l(\eta)} = \frac{\alpha\eta\sqrt{\epsilon} [j_{l-1}(\alpha\eta\sqrt{\epsilon}) j_l(\alpha\eta) - \sqrt{\epsilon} j_{l-1}(\alpha\eta) j_l(\alpha\eta\sqrt{\epsilon})] + (\epsilon - 1) l j_l(\alpha\eta\sqrt{\epsilon}) j_l(\alpha\eta)}{\alpha\eta\sqrt{\epsilon} [j_{l-1}(\alpha\eta\sqrt{\epsilon}) y_l(\alpha\eta) - \sqrt{\epsilon} y_{l-1}(\alpha\eta) j_l(\alpha\eta\sqrt{\epsilon})] + (\epsilon - 1) l j_l(\alpha\eta\sqrt{\epsilon}) y_l(\alpha\eta)}$$

The spherical Bessel functions of the first and second kind, $j_l(z)$ and $y_l(z)$, are defined in [3, p. 437]. The n th root, $\lambda_{l,n}$, of Eq. (1) is proportional to the n th characteristic frequency of the transverse electric 2^l -pole field. The n th root, $\eta_{l,n}$, of Eq. (2) is proportional to the n th characteristic frequency of the transverse magnetic 2^l -pole field. The dielectric constant ϵ is in general a complex number. If ϵ is real and negative ($\epsilon = -|\epsilon|$), the electromagnetic field enters the plasma core as an evanescent wave without being absorbed (total internal reflection). With this choice of ϵ and the relations [3, pp. 443, 469]

$$j_l(iz) = e^{i\pi/2} \sqrt{\frac{\pi}{2z}} I_{l+1/2}(z), \quad (-\pi < \arg z \leq \frac{1}{2}\pi),$$

$$i_l(x) = \sqrt{\frac{\pi}{2x}} I_{l+1/2}(x),$$

where $I_{l+1/2}(x)$ is the modified Bessel function of the first kind, Eqs. (1) and (2) become

$$(3) \quad \frac{j_l(\lambda)}{y_l(\lambda)} = \frac{j_l(\alpha\lambda) \frac{i_{l-1}(\alpha\lambda\sqrt{|\epsilon|})}{i_l(\alpha\lambda\sqrt{|\epsilon|})} - \frac{1}{\sqrt{|\epsilon|}} j_{l-1}(\alpha\lambda)}{y_l(\alpha\lambda) \frac{i_{l-1}(\alpha\lambda\sqrt{|\epsilon|})}{i_l(\alpha\lambda\sqrt{|\epsilon|})} - \frac{1}{\sqrt{|\epsilon|}} y_{l-1}(\alpha\lambda)}$$

and

$$\begin{aligned}
 & \frac{\eta_{l-1}(\eta) - l_j(\eta)}{\eta y_{l-1}(\eta) - l y_l(\eta)} \\
 (4) \quad & = \frac{\frac{|\epsilon|}{1 + |\epsilon|} \alpha \eta j_{l-1}(\alpha \eta) - l_j(\alpha \eta) + \frac{\sqrt{|\epsilon|}}{1 + |\epsilon|} \alpha \eta j_l(\alpha \eta) \frac{i_{l-1}(\alpha \eta \sqrt{|\epsilon|})}{i_l(\alpha \eta \sqrt{|\epsilon|})}}{\frac{|\epsilon|}{1 + |\epsilon|} \alpha \eta y_{l-1}(\alpha \eta) - l y_l(\alpha \eta) + \frac{\sqrt{|\epsilon|}}{1 + |\epsilon|} \alpha \eta y_l(\alpha \eta) \frac{i_{l-1}(\alpha \eta \sqrt{|\epsilon|})}{i_l(\alpha \eta \sqrt{|\epsilon|})}}.
 \end{aligned}$$

In the limit $|\epsilon| \rightarrow \infty$ the equations (3) and (4) become, respectively, identical with the equations (1) and (2') of reference [1].

The calculation of the roots of Eqs. (3) and (4) was performed as follows. First, the equations were each expressed in the form $F(u) = 0$. Then, for a given order l , a fixed parameter α , and a given value for the absolute magnitude of the dielectric constant ϵ , the function $F(u)$ was evaluated at a sequence of points u_j , for which $u_j - u_{j-1} = \text{constant}$, until a sign change occurred. In this last interval a root was computed by using a modified Muller technique [4]. The spherical Bessel functions were computed by means of Mechel's recurrence method [5]. The ratios of the modified spherical Bessel functions were computed using Lentz's continued fraction technique [6].

The numerical values for the roots of Eqs. (3) and (4) which are listed in the microfiche supplement of this issue are accurate to at least 10 significant figures. The ranges for the square root of the absolute magnitude of the dielectric constant ϵ , the parameter α , the order l and the root index n are

$$\begin{aligned}
 \sqrt{|\epsilon|} &= 1.0, 10.0, 100.0, 500.0; \\
 \alpha &= 0.1(0.1)0.7; \\
 l &= 1(1)15; \\
 n &= 1(1)30.
 \end{aligned}$$

These calculations were performed on a CDC 7600 computer.

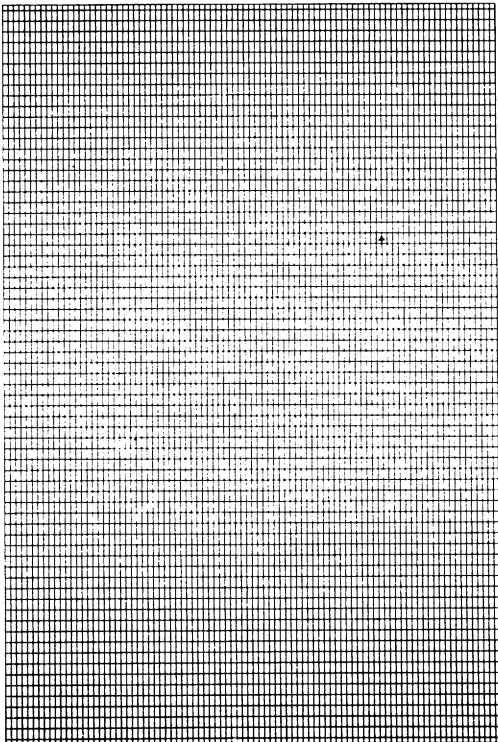
Lawrence Livermore Laboratory
University of California
Livermore, California 94550

1. R. L. PEXTON & A. D. STEIGER, "Roots of two transcendental equations involving spherical Bessel functions," *Math. Comp.*, v. 31, 1977, pp.
2. H. L. BOYEN, A. M. MESSIAEN & P. E. VANDENPLAS, "Experimental and theoretical eigenmodes of a spherical cavity partially filled with plasma," *J. Appl. Phys.*, v. 40, 1969, pp. 2296-2305.
3. M. ABRAMOWITZ & I. A. STEGUN (Editors), *Handbook of Mathematical Functions with Formulas, Graphs, and Mathematical Tables*, Nat. Bur. Standards, Appl. Math. Ser., no. 55, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 1965. MR 31 #1400.
4. J. M. BLATT, "A stable method of inverse interpolation," *Austral. Comput. J.*, v. 7, 1975, pp. 51-57. MR 52 #7077.
5. FR. MECHEL, "Improvement in recurrence techniques for the computation of Bessel functions of integral order," *Math. Comp.*, v. 22, 1968, pp. 202-205.
6. W. J. LENTZ, "Generating Bessel functions in Mie scattering calculations using continued fractions," *Applied Optics*, v. 15, 1976, pp. 668-671.

01. 15000
to.
no. 1350000
pr. kept.

no.	.12	.12	.01	.01		
sp.	69	90	.94	.21	21	.01

99 \$comp: 09/06/77 00:30:51 \$init: 09/06/77 00:36:50\$rs-



```

*      22      0
   69      90      .9+      .25      .16      .0+      .08      .
****source      sink rows cols case      .
   bob1      foob1 69 90 1      .
machine-date-time formatted      .
2 09/02/77 08:53      .

online-flag\page-name\line-count
none\0\0

page-name\first-line-number\head-count\foot-count\last-line-number
1\1\0\3\69 2\7\1\0\3\139 3\14\1\0\3\209 4\21\1\0\3\279 5\28\1\0\3\349 6\35\1\0\3\419 7\42\1\0\3\489
8\49\1\0\3\559 9\56\1\0\3\629 10\63\1\0\3\699 11\70\1\0\3\769 12\77\1\0\3\839 13\84\1\0\3\909 14\91\1\0\3\979

```

```

program croots (lapex.roots,lape5.roots)
c  ch1 aruo0 croots.pax p52 m = / .2 3
c  when func(x) changes sign subroutine nvp01 locates the root
c  the tolerance allowed in x is xtol
external func
common /pax/i,a,m,se
call change(hpex)
call devica (bcreate,5hroots,50000)
name1st/block1/dela,x0,x1tol,ytol,imin,imax,tol0,imin,imax
call ass'gn(N,0,8hndata)
write (5,35)
35 format (5x,18hinput parameters,/)
input data block1,4,5
write(5,35)
36 format (//,5x,19hroots of equation 3,/)
write (5,36)
37 format (5x,45hse = square root of absolute value of epsilon,/)
do m i=1,4
write (5,39)
39 format (1x1)
go to :300,301,302,303):ise
300 se=1.0
go to 5
301 se=10.0
go to 5
302 se=100.0
go to 5
303 se=500.0
5 do 3 i=1,7
a=i*0.1
do 2 i=imin,imax
i=i-1
n = 0
x1=x0
f1=func(x0)
do 1 k=imin,imax
5x0k=xdelx
(2=func(x)
if(f1*(2-gt.0.0) 98,99)
98 f1=2
x1=x
go to 1
99 x2=x
f2=func(x2)
call nvp01(func,x1,x2,xtol,ytol,tol,y1,y2)
n=n+1
write (5,37) se,a,i,n,x1
37 format (2x,5hse = ,f5.0,2x,4ha = ,f5.1,2x,4hl = ,f3.2x,4hn = ,
c13.8x,7hroot = .e20.13)
i=i+2
x1=x
if(n.ge.30) 2:1
1 continue
2 continue
3 continue
4 continue
call exit
end
function func(x)
common /pax/i,a,m,se
dimension r(100)
real ja(0,500),ya(0,500),i(0,500)
c spherical bessel functions of the 1st and 2nd kind
c ja(i) = j sub i of x ya(i) = y sub i of x
c i(0) = modified spherical bessel function of the 1st kind
c i(1) = i sub 1 of x

```

```

ax=a*x
call sjymec(ax,ia,ya,mn,1)
aaqna=ts
osa=1.0
eps=1.0e-12
nmax=mn+1
call msbil(aaq,1,r1,os,eps,numera)
tup=ja(i)-se*ja(i)+ri(numera)
tlow=ya(i)-se*ya(i)+lre(numera)
call sjymec(x,ia,ya,mn,1)
func=ja(i)+tlow-ya(i)+tup
return
end
subroutine nvpof(fun,x1,x2,xtof,ytol,itol,y1,y2)

```

a stable method of inverse interpolation
J.M. Blatt

The Australian Computer Journal
vol. 7 #2 July, 1975 pp 51-57

method
at every stage of the iteration at least one root
is guaranteed to lie within the interval (x1,x2).
if certain conditions hold the routine calculates the
next approximation using muller's quadratic polynomial
approximation, otherwise a linear approximation is used.
'reduced variables' are used for the muller approximation.

inverse interpolation by modified muller method

input requirements
fun=function name, we want to find x such that f(x)=0.
note the actual name must be declared external in the
calling program.
x1=x-value at one end of interval.
x2=x-value at other end of interval.
by assumption, y1 and y2 have opposite signs, routine


```

c      checks this, returns with itol=1 if untrue.
c
c      xtol=tolerance on root, i.e. on abs(x1-x2) at the end
c
c      ytol=optional tolerance on abs(y), ignored if =0.
c
c      itol=max. no. of iterations, if itol.le. 0, itol=60.
c
c      after return from routine
c
c      (x1,y1) and (x2,y2) are the best points found.
c
c      abs(y1),le.abs(y2)
c
c      If(y1.ne.0) then y1 and y2 have opposite signs.
c
c      itol is the actual no. of iterations used, if the
c      initial points were chosen so badly that y1 and y2
c      had the same sign, then itol is set to -1, and we
c      exit immediately.
c
c      user must supply
c
c      1. an actual function name to replace the nominal "fun".
c
c      2. values of x1,x2,xtol.
c
c      3. optionally; values of ytol,itol.
c
c      4. function subprogram, of declared name, to evaluate
c      f(x).
c
c      5. within the calling program, an "external" declaration
c      for that function name.
c
c
c      dimension x(3),y(3)
c      int i=1, $k=3, $iter=0, $muler=0
c      itol=1, $notch=1, $tol=abs(itol)
c      ytol=abs(ytol) $if(itol.le.0) itol=60
c      x(1)=x1 $y(1)=fun(x1) $x(2)=x2
c      y(2)=fun(x2) $if(y(1)*y(2) > 1100,5000,1050)
c      1050 itol=-1 $go to 9100
c      1100 if(abs(y(2)).le.ytol.or.abs(x(1)-x(2)).le.xtol.or.iter.ge.itol)
c      c go to 5000
c
c
c      to display intermediate values remove the "c" in
c      column 1 of the following cards
c
c
c
c

```

```

c
c
c      debug printing
c
c      write (3,2423) i,k,iter,muller,litch,notch,miller,[]
c 2423 format (815)
c      write (3,2424) x(1),x(2),x(3),xnew
c      write (3,2425) y(1),y(2),y(3),ynew
c      write (3,2426) phi
c 2424 format (2x,4e25,13)
c
c
c      iter=iter+1 $phi=0.5 $miller=1 $litch=.0 go to 1150
litch=notch $go to 2000
1150 miller=2 $litch=.5 go to 2000
      if(x(2).eq.x(k)) go to 9000 $alphi=1+(k-x(1))/(x(2)-x(1))
      if(alpha.le.1.001) go to 1950 $lalpha=.ge.1000.0 go to 2000
      beta=y(k)/y(2) $gamma=y(1)/y(2)
      b=(alpha-1.0)*gamma/alpha+(alpha-beta/alpha)/alpha-1.0
      if(b.le.2.0*(1-b-gamma-1.0)*alpha.or.b.le.0.0) go to 2000
      phi=(2.0*gamma)/(b+sqrt((b-(2.0*gamma))^2+4.0*gamma))
      miller=3 $muller=miller+1 $go to 2000
1950 phi=gamma/(1.0-2.0*(alpha-1.0).0.5)
c
c      paths refofn
c
c 2000 xnew=x(1)+phi*(x(2)-x(1))
      if(xnew.eq.x(1).or.xnew.eq.x(2)) go to 9000
      ynew=fun(xnew)
      if(miller.ne.3.or.abs(ynew).lt.0.3*amin1(abs(y(1)),abs(y(2))))
c go to 2010
c
c      a muller-type iteration has proved unsuccessful
c      inhibit muller-type iterations for a few times.
c
c      and up the number of inhibitions for the next
c      such occurrence.
c
c      litch=notch $notch=notch+1
2010 jj=1 $litch=notch $litch=notch $litch=notch $litch=notch $litch=notch
      if(miller.eq.1.or.abs(y(k)).gt.abs(y(1))) go to 2030
c
c      discard point i
c
c      x(1)=xnew $y(1)=ynew $go to 2060
c
c      prepare for switching labels i and k.
c
c 2030 jj=2
c
c      discard point k
c
c 2040 x(k)=x(2) $y(k)=y(2) $x(2)=xnew $y(2)=ynew
c
c      test for precise root.
c
c 2060 if(y(2).eq.0.0) go to 8000 $go to (1100,2100).[]
c
c      interchange labels i and k
c
c 2100 jj=1 $i=k $k=jj $go to 1100
c
c      finished
c
c      y(2) was exactly zero. select the best other one.
c

```

```

8000 if(abs(y(2)),1,abs(y(1))) <=k
c
c      report no. of iterations used.
c
9000 !to=iter
c
c      report the two best points found.
c
9100 if(abs(y(2)),1,abs(y(1))) go to 9200
!to= $!to+1 $go to 9300
9200 !l=2 $!l=1
9300 x!=x(1) $y!=y(1) $x2=x(2) $y2=y(2)
return
end
subroutine sjmeca(x,y,m,nout)
c !subint,ysubint) spherical bessel functions
c do not use x=0.
c !sub0(0)=1, !sub n (0)=0, for all n.gt.0
c !sub n (0)=x^n/finity for all n.ge.0
c y sub n (x)=! sub f-(n+1) (x) for all n.ge.0
c mn maximum number of subscript of bessel functions computed
c nout maximum subscript of desired bessel functions
c recurrence techniques for bessel functions
c fr. wechel math. of comp. vol. 22 no. 101 jan. 1968
real i,jn
dimension j(0,500),y(0,500)
c the dimension of j and y may be varied to suit the users needs
data bounde,et(2),madd(10),lalpha(1),lmaxde(10)
c bound madd alpha madd may be varied
c madd controls the number of terms in the continued fraction
m=1 $!0=1+alpha $y(0)=cos(alpha)
y(1)=y(0)/x-!0) $!1)=j(0)/x+y(0)
200 n=1 $!max=alpha+mout
upward recursion valid for -x for both bessel functions
do 65 n=1,x $!n=1 $!won=1 $!n)=!won+!j(n)/x-!n-1)
65 y(n)=!won+!y(n)/x-y(n-1) $!f(nout,1,m) return
!c(1)=m) $mout=1000000
c upward recursion for ysubint(x) to obtain good guess for !subr(x)
3 do l n=1,m,mas $!w(0)=n+1 $!n=1
! y(n)=!won+!y(n)/x-y(n-1) $!l=abs(f(n)) $!gt,bound) 2,22
22 n=1,nmax+1 $!n)=nmax+madd $go to 3
2 x2=x*x $!n=1-1,!(x2/y(m)) $!m)=q(0), $!m)=0.
develop continued fraction to obtain good guess for !subr(x)
!0=0 $!m)=1 $do 4 n=1,madd $0=0 $0=2.
p1=0 $p0=0 $q1=0 $q0=0 $q1)=0 $q0)=1
p1)=0 $p0)=1 $q1)=0 $q0)=1
4 continue
gm=abs(p1/q1) $!n)= n+!(n-1)/gmmax
do 5 n=1,nout+1,1 $!won)=n+1
5 !f(n-1)=!won+!f(n)/x-!n-1) $c=x/y!f(nout)
correct bessel functions with weighting factor
if (x,1,1,e-3) return
do 6 n=nout,nout
6 !f(n)=c+!f(n) $return
end
subroutine esb1(x,1,1,0.5,eps,numer)
real nu,numer
real i(0,11),r(1)
do l n=1,numer
rx=2.0/a
numnu=0.5
nel=0
alnu=r*x
an=1
nel=nel+1
a2=(numnu+1)*x

```

```

denom=a2
numera2=1.0/a1
ratiouner/a2
ans=ans*ratio
2 ratiu=1
a3=(nume1*r2
denom=3+1.0/denom
numera3=1.0/nume
ratiouner/denom
ans=ans*ratio
if(abs(abs(ratio)-1.0).le.eps) 3,2
3 r1=num1/ans
1 continue
if(oc.eq.1.0) return
num=0
i1=0+step(1)/x
i11=1.0/r1(i2)
num1=numera-1
do 4 nnu=2,num1
i1(ngu)=i1(ngu-1)/r1(ngu-1)
4 continue
return
end
input parameters
i=1          =1
imax        =15
delx        =1.0
x0          =1.0
xto1        =1.0e-12
ylo1        =0.0
i=1         =1
imax        =7000
i1o10       =50
end

```

roots of equation 3

se = square root of absolute value of epsilon

```

c
c
se * 1. a * 0.1 i * 1 n * 1    root = 4.4942076882618e+00
se * 1. a * 0.1 i * 1 n * 2    root = 7.753916179950e+00
se * 1. a * 0.1 i * 1 n * 3    root = 1.0950125077729e+01
se * 1. a * 0.1 i * 1 n * 4    root = 1.4192831861991e+01
se * 1. a * 0.1 i * 1 n * 5    root = 1.74935532694e+01
se * 1. a * 0.1 i * 1 n * 6    root = 2.0812226266263e+01
se * 1. a * 0.1 i * 1 n * 7    root = 2.4181228192879e+01
se * 1. a * 0.1 i * 1 n * 8    root = 2.7578577588013e+01
se * 1. a * 0.1 i * 1 n * 9    root = 3.0997273189957e+01
se * 1. a * 0.1 i * 1 n * 10   root = 3.4431400250128e+01
se * 1. a * 0.1 i * 1 n * 11   root = 3.7877028433274e+01
se * 1. a * 0.1 i * 1 n * 12   root = 4.1331188883733e+01
se * 1. a * 0.1 i * 1 n * 13   root = 4.4791852059141e+01
se * 1. a * 0.1 i * 1 n * 14   root = 4.8257520467709e+01
se * 1. a * 0.1 i * 1 n * 15   root = 5.1727026260961e+01
se * 1. a * 0.1 i * 1 n * 16   root = 5.519846261695e+01
se * 1. a * 0.1 i * 1 n * 17   root = 5.8674722617036e+01
se * 1. a * 0.1 i * 1 n * 18   root = 6.2149804777819e+01
se * 1. a * 0.1 i * 1 n * 19   root = 6.5623299419423e+01
se * 1. a * 0.1 i * 1 n * 20   root = 6.9101826196950e+01
se * 1. a * 0.1 i * 1 n * 21   root = 7.2591887078819e+01
se * 1. a * 0.1 i * 1 n * 22   root = 7.6074112074761e+01
se * 1. a * 0.1 i * 1 n * 23   root = 7.9557118952577e+01
se * 1. a * 0.1 i * 1 n * 24   root = 8.3040941515710e+01
se * 1. a * 0.1 i * 1 n * 25   root = 8.6525241957059e+01
se * 1. a * 0.1 i * 1 n * 26   root = 9.0010287381090e+01
se * 1. a * 0.1 i * 1 n * 27   root = 9.349567457213e+01
se * 1. a * 0.1 i * 1 n * 28   root = 9.6981498820268e+01
se * 1. a * 0.1 i * 1 n * 29   root = 1.0045782433826e+02
se * 1. a * 0.1 i * 1 n * 30   root = 1.0399421970525e+02

c
c
se * 1. a * 0.1 i * 2 n * 1    root = 5.7034657945798e+00
se * 1. a * 0.1 i * 2 n * 3    root = 1.2527021240338e+01
se * 1. a * 0.1 i * 2 n * 4    root = 1.9931261839495e+01
se * 1. a * 0.1 i * 2 n * 5    root = 1.875744409592e+01
se * 1. a * 0.1 i * 2 n * 6    root = 2.1983086630949e+01
se * 1. a * 0.1 i * 2 n * 7    root = 2.5218822963077e+01
se * 1. a * 0.1 i * 2 n * 8    root = 2.845771178774e+01
se * 1. a * 0.1 i * 2 n * 9    root = 3.1689309093533e+01
se * 1. a * 0.1 i * 2 n * 10   root = 3.5178173723179e+01
se * 1. a * 0.1 i * 2 n * 11   root = 3.852558385113e+01
se * 1. a * 0.1 i * 2 n * 12   root = 4.1942959891071e+01
se * 1. a * 0.1 i * 2 n * 13   root = 4.53004888829611e+01
se * 1. a * 0.1 i * 2 n * 14   root = 4.870833514822e+01
se * 1. a * 0.1 i * 2 n * 15   root = 5.200676313257e+01
se * 1. a * 0.1 i * 2 n * 16   root = 5.529107150381e+01
se * 1. a * 0.1 i * 2 n * 17   root = 5.8569411857950e+01
se * 1. a * 0.1 i * 2 n * 18   root = 6.184325796867e+01
se * 1. a * 0.1 i * 2 n * 19   root = 6.509509280039e+01
se * 1. a * 0.1 i * 2 n * 20   root = 6.8345013835330e+01
se * 1. a * 0.1 i * 2 n * 21   root = 7.2612746195013e+01
se * 1. a * 0.1 i * 2 n * 22   root = 7.6378913799930e+01
se * 1. a * 0.1 i * 2 n * 23   root = 7.984631613059e+01
se * 1. a * 0.1 i * 2 n * 24   root = 8.331842822423e+01
se * 1. a * 0.1 i * 2 n * 25   root = 8.6788959156189e+01
se * 1. a * 0.1 i * 2 n * 26   root = 9.026188320322e+01
se * 1. a * 0.1 i * 2 n * 27   root = 9.3738837888021e+01
se * 1. a * 0.1 i * 2 n * 28   root = 9.7213032170769e+01
se * 1. a * 0.1 i * 2 n * 29   root = 1.006930882725e+02
se * 1. a * 0.1 i * 2 n * 30   root = 1.0418857802079e+02

```



```

c
c
c
** 1. a 0.1 5 1 root = 9.3776121117201e+00
** 1. a 0.1 5 2 root = 1.2986530212175e+01
** 1. a 0.1 5 3 root = 1.6394710347030e+01
** 1. a 0.1 5 4 root = 1.985319877705e+01
** 1. a 0.1 5 5 root = 2.250493708145e+01
** 1. a 0.1 5 6 root = 2.612793302145e+01
** 1. a 0.1 5 7 root = 2.933333044394e+01
** 1. a 0.1 5 8 root = 3.2527071995713e+01
** 1. a 0.1 5 9 root = 3.5714071767395e+01
** 1. a 0.1 5 10 root = 3.88997272659e+01
** 1. a 0.1 5 11 root = 4.208571563052e+01
** 1. a 0.1 5 12 root = 4.526250459950e+01
** 1. a 0.1 5 13 root = 4.843127846571e+01
** 1. a 0.1 5 14 root = 5.171707049995e+01
** 1. a 0.1 5 15 root = 5.498249888493e+01
** 1. a 0.1 5 16 root = 5.823325504609e+01
** 1. a 0.1 5 17 root = 6.151535161984e+01
** 1. a 0.1 5 18 root = 6.482165786725e+01
** 1. a 0.1 5 19 root = 6.8145505136250e+01
** 1. a 0.1 5 20 root = 7.148999270945e+01
** 1. a 0.1 5 21 root = 7.484709893106e+01
** 1. a 0.1 5 22 root = 7.821616914881e+01
** 1. a 0.1 5 23 root = 8.158933389429e+01
** 1. a 0.1 5 24 root = 8.497959162738e+01
** 1. a 0.1 5 25 root = 8.837801749429e+01
** 1. a 0.1 5 26 root = 9.1776190946351e+01
** 1. a 0.1 5 27 root = 9.5190231942580e+01
** 1. a 0.1 5 28 root = 9.8633380272501e+01
** 1. a 0.1 5 29 root = 1.0203197928864e+02
** 1. a 0.1 5 30 root = 1.0746044447077e+02

```

```

c
c
c
** 1. a 0.1 6 1 root = 1.0512825406112e+01
** 1. a 0.1 6 2 root = 1.42073946202e+01
** 1. a 0.1 6 3 root = 1.797374301087e+01
** 1. a 0.1 6 4 root = 2.087046397926e+01
** 1. a 0.1 6 5 root = 4.58277388633e+01
** 1. a 0.1 6 6 root = 2.767084581453e+02
** 1. a 0.1 6 7 root = 5.0730451750706e+01
** 1. a 0.1 6 8 root = 3.3937393362739e+01
** 1. a 0.1 6 9 root = 3.7133197839300e+01
** 1. a 0.1 6 10 root = 4.0321303071631e+01
** 1. a 0.1 6 11 root = 4.3504122026251e+01
** 1. a 0.1 6 12 root = 4.66862e+01
** 1. a 0.1 6 13 root = 4.9870620414671e+01
** 1. a 0.1 6 14 root = 5.306203000959e+01
** 1. a 0.1 6 15 root = 5.6260945703093e+01
** 1. a 0.1 6 16 root = 5.94694627079e+01
** 1. a 0.1 6 17 root = 6.270544670504e+01
** 1. a 0.1 6 18 root = 6.598427579262e+01
** 1. a 0.1 6 19 root = 6.932150246626e+01
** 1. a 0.1 6 20 root = 7.2673376143300e+01
** 1. a 0.1 6 21 root = 7.5811570182811e+01
** 1. a 0.1 6 22 root = 7.9131357322300e+01
** 1. a 0.1 6 23 root = 8.2469511032257e+01
** 1. a 0.1 6 24 root = 8.5813765372601e+01
** 1. a 0.1 6 25 root = 8.91730638150e+01
** 1. a 0.1 6 26 root = 9.2544110776533e+01
** 1. a 0.1 6 27 root = 9.5924160037392e+01
** 1. a 0.1 6 28 root = 9.9312742549586e+01
** 1. a 0.1 6 29 root = 1.0270369409512e+02
** 1. a 0.1 6 30 root = 1.0611203804050e+02

```

```

c
c
c
** = 1. a 0.1 7 a 1 root = 1.187032192517e+01
** = 1. a 0.1 7 a 2 root = 1.9431289310313e+01
** = 1. a 0.1 7 a 3 root = 1.9922939199000e+01
** = 1. a 0.1 7 a 4 root = 2.2250348357029e+01
** = 1. a 0.1 7 a 5 root = 2.5502293161709e+01
** = 1. a 0.1 7 a 6 root = 2.9870374600925e+01
** = 1. a 0.1 7 a 7 root = 3.2111202233773e+01
** = 1. a 0.1 7 a 8 root = 3.5335523292939e+01
** = 1. a 0.1 7 a 9 root = 3.8541461019223e+01
** = 1. a 0.1 7 a 10 root = 4.1783222916918e+01
** = 1. a 0.1 7 a 11 root = 4.4929472426130e+01
** = 1. a 0.1 7 a 12 root = 4.8113920310295e+01
** = 1. a 0.1 7 a 13 root = 5.1294779278169e+01
** = 1. a 0.1 7 a 14 root = 5.4447457236756e+01
** = 1. a 0.1 7 a 15 root = 5.7653319435082e+01
** = 1. a 0.1 7 a 16 root = 6.0840821513604e+01
** = 1. a 0.1 7 a 17 root = 6.4034323502835e+01
** = 1. a 0.1 7 a 18 root = 6.7239959495531e+01
** = 1. a 0.1 7 a 19 root = 7.0457841261439e+01
** = 1. a 0.1 7 a 20 root = 7.3692214297524e+01
** = 1. a 0.1 7 a 21 root = 7.6943779714269e+01
** = 1. a 0.1 7 a 22 root = 8.0212599463934e+01
** = 1. a 0.1 7 a 23 root = 8.3491523267321e+01
** = 1. a 0.1 7 a 24 root = 8.678976379242e+01
** = 1. a 0.1 7 a 25 root = 9.010238947757e+01
** = 1. a 0.1 7 a 26 root = 9.3442266123510e+01
** = 1. a 0.1 7 a 27 root = 9.678839020575e+01
** = 1. a 0.1 7 a 28 root = 1.001419463332e+02
** = 1. a 0.1 7 a 29 root = 1.0350527949691e+02
** = 1. a 0.1 7 a 30 root = 1.068795959497e+02

```

```

c
c
c
** = 1. a 0.1 8 a 1 root = 1.2790781711972e+01
** = 1. a 0.1 8 a 2 root = 1.6641002981514e+01
** = 1. a 0.1 8 a 3 root = 2.0182470764957e+01
** = 1. a 0.1 8 a 4 root = 2.3591274618939e+01
** = 1. a 0.1 8 a 5 root = 2.6827047037871e+01
** = 1. a 0.1 8 a 6 root = 3.0217262780810e+01
** = 1. a 0.1 8 a 7 root = 3.3476301257642e+01
** = 1. a 0.1 8 a 8 root = 3.6714531316574e+01
** = 1. a 0.1 8 a 9 root = 3.9936137065069e+01
** = 1. a 0.1 8 a 10 root = 4.3149499594932e+01
** = 1. a 0.1 8 a 11 root = 4.6349251612324e+01
** = 1. a 0.1 8 a 12 root = 4.953736411881e+01
** = 1. a 0.1 8 a 13 root = 5.272374618394e+01
** = 1. a 0.1 8 a 14 root = 5.5927612329272e+01
** = 1. a 0.1 8 a 15 root = 5.9094530218971e+01
** = 1. a 0.1 8 a 16 root = 6.2262231130735e+01
** = 1. a 0.1 8 a 17 root = 6.5440810294177e+01
** = 1. a 0.1 8 a 18 root = 6.8622770379256e+01
** = 1. a 0.1 8 a 19 root = 7.1810919514825e+01
** = 1. a 0.1 8 a 20 root = 7.5005139417949e+01
** = 1. a 0.1 8 a 21 root = 7.8217059518899e+01
** = 1. a 0.1 8 a 22 root = 8.1437893229594e+01
** = 1. a 0.1 8 a 23 root = 8.4677723735942e+01
** = 1. a 0.1 8 a 24 root = 8.7931951985730e+01
** = 1. a 0.1 8 a 25 root = 9.1201291274925e+01
** = 1. a 0.1 8 a 26 root = 9.4489462933939e+01
** = 1. a 0.1 8 a 27 root = 9.7786349294635e+01
** = 1. a 0.1 8 a 28 root = 1.0109881172695e+02
** = 1. a 0.1 8 a 29 root = 1.0442612830709e+02
** = 1. a 0.1 8 a 30 root = 1.0776394131832e+02

```



```

c
c
c
se * 1. a ** 0.1 ** 9 n = 1      root = 1.3915822610505+01
se * 1. a ** 0.1 ** 9 n = 2      root = 1.7838943195205+01
se * 1. a ** 0.1 ** 9 n = 3      root = 2.1428466721174+01
se * 1. a ** 0.1 ** 9 n = 4      root = 2.4677211827810+01
se * 1. a ** 0.1 ** 9 n = 5      root = 2.8237134360421+01
se * 1. a ** 0.1 ** 9 n = 6      root = 3.1950168392584+01
se * 1. a ** 0.1 ** 9 n = 7      root = 3.463366666700+01
se * 1. a ** 0.1 ** 9 n = 8      root = 3.8082479252776+01
se * 1. a ** 0.1 ** 9 n = 9      root = 4.1217859463034+01
se * 1. a ** 0.1 ** 9 n = 10     root = 4.453014701414+01
se * 1. a ** 0.1 ** 9 n = 11     root = 4.7749357697870+01
se * 1. a ** 0.1 ** 9 n = 12     root = 5.0950710500876+01
se * 1. a ** 0.1 ** 9 n = 13     root = 5.414483336556+01
se * 1. a ** 0.1 ** 9 n = 14     root = 5.7333205102461+01
se * 1. a ** 0.1 ** 9 n = 15     root = 6.0518302430144+01
se * 1. a ** 0.1 ** 9 n = 16     root = 6.3686778438242+01
se * 1. a ** 0.1 ** 9 n = 17     root = 6.687442534720+01
se * 1. a ** 0.1 ** 9 n = 18     root = 7.0050347793467+01
se * 1. a ** 0.1 ** 9 n = 19     root = 7.3226399940116+01
se * 1. a ** 0.1 ** 9 n = 20     root = 7.640611113126+01
se * 1. a ** 0.1 ** 9 n = 21     root = 7.9580018302966+01
se * 1. a ** 0.1 ** 9 n = 22     root = 8.2761231173778+01
se * 1. a ** 0.1 ** 9 n = 23     root = 8.5938195432428+01
se * 1. a ** 0.1 ** 9 n = 24     root = 8.913043197223+01
se * 1. a ** 0.1 ** 9 n = 25     root = 9.2421584330306+01
se * 1. a ** 0.1 ** 9 n = 26     root = 9.5682223773770+01
se * 1. a ** 0.1 ** 9 n = 27     root = 9.891736786308+01
se * 1. a ** 0.1 ** 9 n = 28     root = 1.0218851038103+02
se * 1. a ** 0.1 ** 9 n = 29     root = 1.0547340540308+02
se * 1. a ** 0.1 ** 9 n = 30     root = 1.087719049094+02

c
c
c
se * 1. a ** 0.1 ** 10 n = 1     root = 1.5033469303743+01
se * 1. a ** 0.1 ** 10 n = 2     root = 1.902595353128+01
se * 1. a ** 0.1 ** 10 n = 3     root = 2.2662720299136+01
se * 1. a ** 0.1 ** 10 n = 4     root = 2.6142767843381+01
se * 1. a ** 0.1 ** 10 n = 5     root = 2.954634107895+01
se * 1. a ** 0.1 ** 10 n = 6     root = 3.287053493701+01
se * 1. a ** 0.1 ** 10 n = 7     root = 3.6188157137887+01
se * 1. a ** 0.1 ** 10 n = 8     root = 3.9438214491444+01
se * 1. a ** 0.1 ** 10 n = 9     root = 4.2687651346275+01
se * 1. a ** 0.1 ** 10 n = 10    root = 4.5891232042711+01
se * 1. a ** 0.1 ** 10 n = 11    root = 4.9142222667736+01
se * 1. a ** 0.1 ** 10 n = 12    root = 5.235169034919+01
se * 1. a ** 0.1 ** 10 n = 13    root = 5.552282394935+01
se * 1. a ** 0.1 ** 10 n = 14    root = 5.875179119580+01
se * 1. a ** 0.1 ** 10 n = 15    root = 6.1942019211425+01
se * 1. a ** 0.1 ** 10 n = 16    root = 6.518750115238+01
se * 1. a ** 0.1 ** 10 n = 17    root = 6.8390061323491+01
se * 1. a ** 0.1 ** 10 n = 18    root = 7.1487651194261+01
se * 1. a ** 0.1 ** 10 n = 19    root = 7.4623259470111+01
se * 1. a ** 0.1 ** 10 n = 20    root = 7.783888977810+01
se * 1. a ** 0.1 ** 10 n = 21    root = 8.1013789890085+01
se * 1. a ** 0.1 ** 10 n = 22    root = 8.4180223816159+01
se * 1. a ** 0.1 ** 10 n = 23    root = 8.7371132947886+01
se * 1. a ** 0.1 ** 10 n = 24    root = 9.0575497913530+01
se * 1. a ** 0.1 ** 10 n = 25    root = 9.375103494529+01
se * 1. a ** 0.1 ** 10 n = 26    root = 9.69882518074573+01
se * 1. a ** 0.1 ** 10 n = 27    root = 1.0017938389461+02
se * 1. a ** 0.1 ** 10 n = 28    root = 1.034025239723+02
se * 1. a ** 0.1 ** 10 n = 29    root = 1.0684988115310+02
se * 1. a ** 0.1 ** 10 n = 30    root = 1.098032982733+02

```

```

c
c
se * 1. a ** 0.1 ** 11 ** 1 root = 1.6144742942301e+01
se * 1. a ** 0.1 ** 11 ** 2 root = 2.0203942632812e+01
se * 1. a ** 0.1 ** 11 ** 3 root = 2.3667530759998e+01
se * 1. a ** 0.1 ** 11 ** 4 root = 2.7401255399958e+01
se * 1. a ** 0.1 ** 11 ** 5 root = 3.0820794088452e+01
se * 1. a ** 0.1 ** 11 ** 6 root = 3.4179474839495e+01
se * 1. a ** 0.1 ** 11 ** 7 root = 3.7432773539574e+01
se * 1. a ** 0.1 ** 11 ** 8 root = 4.0484252105904e+01
se * 1. a ** 0.1 ** 11 ** 9 root = 4.3254256575704e+01
se * 1. a ** 0.1 ** 11 ** 10 root = 4.5746393276097e+01
se * 1. a ** 0.1 ** 11 ** 11 root = 4.7965332789914e+01
se * 1. a ** 0.1 ** 11 ** 12 root = 5.0245332789914e+01
se * 1. a ** 0.1 ** 11 ** 13 root = 5.2465323679471e+01
se * 1. a ** 0.1 ** 11 ** 14 root = 5.4532367947111e+01
se * 1. a ** 0.1 ** 11 ** 15 root = 5.6465323679471e+01
se * 1. a ** 0.1 ** 11 ** 16 root = 5.8274236794711e+01
se * 1. a ** 0.1 ** 11 ** 17 root = 6.0001889446503e+01
se * 1. a ** 0.1 ** 11 ** 18 root = 6.1538887795914e+01
se * 1. a ** 0.1 ** 11 ** 19 root = 6.2920007130834e+01
se * 1. a ** 0.1 ** 11 ** 20 root = 6.4160748669994e+01
se * 1. a ** 0.1 ** 11 ** 21 root = 6.5274236794711e+01
se * 1. a ** 0.1 ** 11 ** 22 root = 6.6274236794711e+01
se * 1. a ** 0.1 ** 11 ** 23 root = 6.7160748669994e+01
se * 1. a ** 0.1 ** 11 ** 24 root = 6.7920007130834e+01
se * 1. a ** 0.1 ** 11 ** 25 root = 6.8574236794711e+01
se * 1. a ** 0.1 ** 11 ** 26 root = 6.9138887795914e+01
se * 1. a ** 0.1 ** 11 ** 27 root = 6.9618894465034e+01
se * 1. a ** 0.1 ** 11 ** 28 root = 7.0020007130834e+01
se * 1. a ** 0.1 ** 11 ** 29 root = 7.03486699994e+01
se * 1. a ** 0.1 ** 11 ** 30 root = 7.0601889446503e+01

```

```

c
c
se * 1. a ** 0.1 ** 12 ** 1 root = 1.7250454784126e+01
se * 1. a ** 0.1 ** 12 ** 2 root = 2.1373972181163e+01
se * 1. a ** 0.1 ** 12 ** 3 root = 2.5101039521008e+01
se * 1. a ** 0.1 ** 12 ** 4 root = 2.8447036510754e+01
se * 1. a ** 0.1 ** 12 ** 5 root = 3.209827625384e+01
se * 1. a ** 0.1 ** 12 ** 6 root = 3.5476013175178e+01
se * 1. a ** 0.1 ** 12 ** 7 root = 3.851938880194e+01
se * 1. a ** 0.1 ** 12 ** 8 root = 4.2116936532594e+01
se * 1. a ** 0.1 ** 12 ** 9 root = 4.5392009441534e+01
se * 1. a ** 0.1 ** 12 ** 10 root = 4.8330794139784e+01
se * 1. a ** 0.1 ** 12 ** 11 root = 5.1897017532794e+01
se * 1. a ** 0.1 ** 12 ** 12 root = 5.5127878269994e+01
se * 1. a ** 0.1 ** 12 ** 13 root = 5.8204489991994e+01
se * 1. a ** 0.1 ** 12 ** 14 root = 6.1569795198354e+01
se * 1. a ** 0.1 ** 12 ** 15 root = 6.4769479423904e+01
se * 1. a ** 0.1 ** 12 ** 16 root = 6.7894249425757e+01
se * 1. a ** 0.1 ** 12 ** 17 root = 7.1157422899794e+01
se * 1. a ** 0.1 ** 12 ** 18 root = 7.4349739282784e+01
se * 1. a ** 0.1 ** 12 ** 19 root = 7.7531770232994e+01
se * 1. a ** 0.1 ** 12 ** 20 root = 8.0713399510931e+01
se * 1. a ** 0.1 ** 12 ** 21 root = 8.3992101192939e+01
se * 1. a ** 0.1 ** 12 ** 22 root = 8.7262581322511e+01
se * 1. a ** 0.1 ** 12 ** 23 root = 9.0242789470992e+01
se * 1. a ** 0.1 ** 12 ** 24 root = 9.3419923929534e+01
se * 1. a ** 0.1 ** 12 ** 25 root = 9.6388813251716e+01
se * 1. a ** 0.1 ** 12 ** 26 root = 9.9762380673999e+01
se * 1. a ** 0.1 ** 12 ** 27 root = 1.0393799528011e+02
se * 1. a ** 0.1 ** 12 ** 28 root = 1.0811721820468e+02
se * 1. a ** 0.1 ** 12 ** 29 root = 1.0930189498514e+02
se * 1. a ** 0.1 ** 12 ** 30 root = 1.1245378152946e+02

```

c
c

```
16 * 1. a 0.1 1 13 n 1 root = 1.6351261465947e+01
16 * 1. a 0.1 1 13 n 2 root = 2.25326017071120e+01
16 * 1. a 0.1 1 13 n 3 root = 2.6307161561217e+01
16 * 1. a 0.1 1 13 n 4 root = 2.9886316321006e+01
16 * 1. a 0.1 1 13 n 5 root = 3.3363191238015e+01
16 * 1. a 0.1 1 13 n 6 root = 3.676701793224e+01
16 * 1. a 0.1 1 13 n 7 root = 4.0122124122694e+01
16 * 1. a 0.1 1 13 n 8 root = 4.344622572265e+01
16 * 1. a 0.1 1 13 n 9 root = 4.673130921772e+01
16 * 1. a 0.1 1 13 n 10 root = 5.000569701200e+01
16 * 1. a 0.1 1 13 n 11 root = 5.326623232911e+01
16 * 1. a 0.1 1 13 n 12 root = 5.6501371334079e+01
16 * 1. a 0.1 1 13 n 13 root = 5.9731217066771e+01
16 * 1. a 0.1 1 13 n 14 root = 6.2951680759220e+01
16 * 1. a 0.1 1 13 n 15 root = 6.6164217494727e+01
16 * 1. a 0.1 1 13 n 16 root = 6.936990499477e+01
16 * 1. a 0.1 1 13 n 17 root = 7.255942189400e+01
16 * 1. a 0.1 1 13 n 18 root = 7.574049397118e+01
16 * 1. a 0.1 1 13 n 19 root = 7.891542631294e+01
16 * 1. a 0.1 1 13 n 20 root = 8.211419732739e+01
16 * 1. a 0.1 1 13 n 21 root = 8.525221770682e+01
16 * 1. a 0.1 1 13 n 22 root = 8.8594745111195e+01
16 * 1. a 0.1 1 13 n 23 root = 9.1665143133409e+01
16 * 1. a 0.1 1 13 n 24 root = 9.446821932305e+01
16 * 1. a 0.1 1 13 n 25 root = 9.8032392651394e+01
16 * 1. a 0.1 1 13 n 26 root = 1.01294062219495e+02
16 * 1. a 0.1 1 13 n 27 root = 1.0457693432329e+02
16 * 1. a 0.1 1 13 n 28 root = 1.0794926940916e+02
16 * 1. a 0.1 1 13 n 29 root = 1.1072311528400e+02
16 * 1. a 0.1 1 13 n 30 root = 1.130979375975e+02
```

c
c

```
16 * 1. a 0.1 1 14 n 1 root = 1.9447703106095e+01
16 * 1. a 0.1 1 14 n 2 root = 2.36920803741e+01
16 * 1. a 0.1 1 14 n 3 root = 2.7505753080945e+01
16 * 1. a 0.1 1 14 n 4 root = 3.1120621413694e+01
16 * 1. a 0.1 1 14 n 5 root = 3.4621125703007e+01
16 * 1. a 0.1 1 14 n 6 root = 3.804724598810e+01
16 * 1. a 0.1 1 14 n 7 root = 4.1421399812461e+01
16 * 1. a 0.1 1 14 n 8 root = 4.4757421788531e+01
16 * 1. a 0.1 1 14 n 9 root = 4.8064435500174e+01
16 * 1. a 0.1 1 14 n 10 root = 5.1346761994945e+01
16 * 1. a 0.1 1 14 n 11 root = 5.4614946814055e+01
16 * 1. a 0.1 1 14 n 12 root = 5.786534510382e+01
16 * 1. a 0.1 1 14 n 13 root = 6.1109571889461e+01
16 * 1. a 0.1 1 14 n 14 root = 6.433495923205e+01
16 * 1. a 0.1 1 14 n 15 root = 6.754684241070e+01
16 * 1. a 0.1 1 14 n 16 root = 7.0757811749433e+01
16 * 1. a 0.1 1 14 n 17 root = 7.3974263761973e+01
16 * 1. a 0.1 1 14 n 18 root = 7.719328946572e+01
16 * 1. a 0.1 1 14 n 19 root = 8.042150300913e+01
16 * 1. a 0.1 1 14 n 20 root = 8.365338182205e+01
16 * 1. a 0.1 1 14 n 21 root = 8.6751946992424e+01
16 * 1. a 0.1 1 14 n 22 root = 8.98326222912e+01
16 * 1. a 0.1 1 14 n 23 root = 9.316032773215e+01
16 * 1. a 0.1 1 14 n 24 root = 9.6297194626159e+01
16 * 1. a 0.1 1 14 n 25 root = 9.9473970837728e+01
16 * 1. a 0.1 1 14 n 26 root = 1.0264977920344e+02
16 * 1. a 0.1 1 14 n 27 root = 1.058152039971e+02
16 * 1. a 0.1 1 14 n 28 root = 1.0893927175934e+02
16 * 1. a 0.1 1 14 n 29 root = 1.1210266034949e+02
16 * 1. a 0.1 1 14 n 30 root = 1.1532627104794e+02
```

```

c
c
c
50 * 1. a a 0.1 i 15 n n 1 root = 2.054025987046e+01
50 * 1. a a 0.1 i 15 n n 2 root = 2.4684376255765e+01
50 * 1. a a 0.1 i 15 n n 3 root = 2.8697430993615e+01
50 * 1. a a 0.1 i 15 n n 4 root = 3.2344403636269e+01
50 * 1. a a 0.1 i 15 n n 5 root = 3.5711194402649e+01
50 * 1. a a 0.1 i 15 n n 6 root = 3.9319026760771e+01
50 * 1. a a 0.1 i 15 n n 7 root = 4.2712451971517e+01
50 * 1. a a 0.1 i 15 n n 8 root = 4.590465365331e+01
50 * 1. a a 0.1 i 15 n n 9 root = 4.930949876827e+01
50 * 1. a a 0.1 i 15 n n 10 root = 5.2663730054306e+01
50 * 1. a a 0.1 i 15 n n 11 root = 5.5961458377659e+01
50 * 1. a a 0.1 i 15 n n 12 root = 5.9223348831163e+01
50 * 1. a a 0.1 i 15 n n 13 root = 6.247206006599e+01
50 * 1. a a 0.1 i 15 n n 14 root = 6.5703651442659e+01
50 * 1. a a 0.1 i 15 n n 15 root = 6.897692249883e+01
50 * 1. a a 0.1 i 15 n n 16 root = 7.215610494726e+01
50 * 1. a a 0.1 i 15 n n 17 root = 7.531134610255e+01
50 * 1. a a 0.1 i 15 n n 18 root = 7.857660494074e+01
50 * 1. a a 0.1 i 15 n n 19 root = 8.176079331910e+01
50 * 1. a a 0.1 i 15 n n 20 root = 8.487761724665e+01
50 * 1. a a 0.1 i 15 n n 21 root = 8.817025738005e+01
50 * 1. a a 0.1 i 15 n n 22 root = 9.145645638537e+01
50 * 1. a a 0.1 i 15 n n 23 root = 9.472579355145e+01
50 * 1. a a 0.1 i 15 n n 24 root = 9.797939557359e+02
50 * 1. a a 0.1 i 15 n n 25 root = 1.040885942913e+02
50 * 1. a a 0.1 i 15 n n 26 root = 1.072646333093e+02
50 * 1. a a 0.1 i 15 n n 27 root = 1.104388708662e+02
50 * 1. a a 0.1 i 15 n n 28 root = 1.136118814337e+02
50 * 1. a a 0.1 i 15 n n 29 root = 1.167830864947e+02
50 * 1. a a 0.1 i 15 n n 30 root = 1.167830864947e+02
c
c
c
50 * 1. a a 0.2 i 1 n n 1 root = 4.514353144568e+02
50 * 1. a a 0.2 i 1 n n 2 root = 7.914614877117e+02
50 * 1. a a 0.2 i 1 n n 3 root = 1.1488514931267e+01
50 * 1. a a 0.2 i 1 n n 4 root = 1.520394775139e+01
50 * 1. a a 0.2 i 1 n n 5 root = 1.9014572597167e+01
50 * 1. a a 0.2 i 1 n n 6 root = 2.283843608935e+01
50 * 1. a a 0.2 i 1 n n 7 root = 2.674235237652e+01
50 * 1. a a 0.2 i 1 n n 8 root = 3.0639417382970e+01
50 * 1. a a 0.2 i 1 n n 9 root = 3.4524611073151e+01
50 * 1. a a 0.2 i 1 n n 10 root = 3.844117130439e+01
50 * 1. a a 0.2 i 1 n n 11 root = 4.2381983943357e+01
50 * 1. a a 0.2 i 1 n n 12 root = 4.6299250703171e+01
50 * 1. a a 0.2 i 1 n n 13 root = 5.0181995747252e+01
50 * 1. a a 0.2 i 1 n n 14 root = 5.402387220615e+01
50 * 1. a a 0.2 i 1 n n 15 root = 5.8019109478213e+01
50 * 1. a a 0.2 i 1 n n 16 root = 6.1939411059253e+01
50 * 1. a a 0.2 i 1 n n 17 root = 6.5882081173525e+01
50 * 1. a a 0.2 i 1 n n 18 root = 6.9782461259013e+01
50 * 1. a a 0.2 i 1 n n 19 root = 7.370452793339e+01
50 * 1. a a 0.2 i 1 n n 20 root = 7.7657682557112e+01
50 * 1. a a 0.2 i 1 n n 21 root = 8.1551261269553e+01
50 * 1. a a 0.2 i 1 n n 22 root = 8.5474909261856e+01
50 * 1. a a 0.2 i 1 n n 23 root = 8.933025250258e+01
50 * 1. a a 0.2 i 1 n n 24 root = 9.3223259110476e+01
50 * 1. a a 0.2 i 1 n n 25 root = 9.7247899440522e+01
50 * 1. a a 0.2 i 1 n n 26 root = 1.0112857666571e+02
50 * 1. a a 0.2 i 1 n n 27 root = 1.0509749889494e+02
50 * 1. a a 0.2 i 1 n n 28 root = 1.0902299888951e+02
50 * 1. a a 0.2 i 1 n n 29 root = 1.129477623059e+02
50 * 1. a a 0.2 i 1 n n 30 root = 1.1687311417804e+02

```

chars: 0

pages: 15

secrets: 1

lines: 299

vectors: 4

points: 0

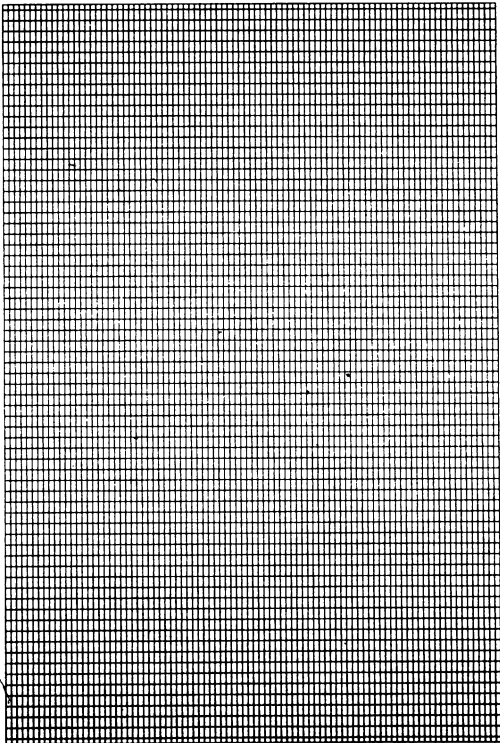
macro names: 0

macro words: 0

04F

st.	18000					
to.						
zo.	1350000					
rr.	keep1.					
so.	.12	.12	.01	.01		
sp.	69	90	.94	.21	.21	.02

99 \$recomp: 09/06/77 00:30:51 \$r1all: 09/06/77 00:36:50\$e\$-



```

*      20      0
  65      90      .94      .25      .16      .04      .08      .
#####source      sink      rows      cols      case      .
  bob2      bob2      69      50      1      .
machine-date-time formatted      .
7/09/02/77 10:09      .

online-flag\page-name\line-count
none\0\0

page-name\first-line-number\head-count\foot-count\last-line-number
15\110\3\69 16\71\0\3\139 17\141\0\3\209 18\211\0\3\279 19\281\0\3\349 20\351\0\3\419 21\421\0\3\489
22\491\0\3\559 23\561\0\3\629 24\631\0\3\699 25\701\0\3\769 26\771\0\3\839 27\841\0\3\909 28\911\0\3\979
29\981\0\3\1049 30\1051\0\3\1119 31\1121\0\3\1189 32\1191\0\3\1259 33\1261\0\3\1329 34\1331\0\3\1399
35\1401\0\3\1469 36\1471\0\3\1539 37\1541\0\3\1609

```



```

c
x
58 * 1. a a 0.2 1 a 2 a a 1 root = 5.765308262639e+00
58 * 1. a a 0.2 1 a 2 a a 2 root = 9.1364629411517e+00
58 * 1. a a 0.2 1 a 2 a a 3 root = 1.2523667000993e+01
58 * 1. a a 0.2 1 a 2 a a 4 root = 1.6242440176325e+01
58 * 1. a a 0.2 1 a 2 a a 5 root = 1.9894037602765e+01
58 * 1. a a 0.2 1 a 2 a a 6 root = 2.3414333491046e+01
58 * 1. a a 0.2 1 a 2 a a 7 root = 2.7026276569582e+01
58 * 1. a a 0.2 1 a 2 a a 8 root = 3.1027671180303e+01
58 * 1. a a 0.2 1 a 2 a a 9 root = 3.4877694074930e+01
58 * 1. a a 0.2 1 a 2 a a 10 root = 3.8744670424049e+01
58 * 1. a a 0.2 1 a 2 a a 11 root = 4.2624146873649e+01
58 * 1. a a 0.2 1 a 2 a a 12 root = 4.6512272330706e+01
58 * 1. a a 0.2 1 a 2 a a 13 root = 5.0407033093127e+01
58 * 1. a a 0.2 1 a 2 a a 14 root = 5.430888465252e+01
58 * 1. a a 0.2 1 a 2 a a 15 root = 5.8217733060777e+01
58 * 1. a a 0.2 1 a 2 a a 16 root = 6.2137562069e+01
58 * 1. a a 0.2 1 a 2 a a 17 root = 6.607756791979e+01
58 * 1. a a 0.2 1 a 2 a a 18 root = 6.9938053733118e+01
58 * 1. a a 0.2 1 a 2 a a 19 root = 7.382056103953e+01
58 * 1. a a 0.2 1 a 2 a a 20 root = 7.772492927702e+01
58 * 1. a a 0.2 1 a 2 a a 21 root = 8.1652967072172e+01
58 * 1. a a 0.2 1 a 2 a a 22 root = 8.560360918204e+01
58 * 1. a a 0.2 1 a 2 a a 23 root = 8.9576941576921e+01
58 * 1. a a 0.2 1 a 2 a a 24 root = 9.35730719532e+01
58 * 1. a a 0.2 1 a 2 a a 25 root = 9.7592777801785e+02
58 * 1. a a 0.2 1 a 2 a a 26 root = 1.0519846091514e+02
58 * 1. a a 0.2 1 a 2 a a 27 root = 1.091196899345e+02
58 * 1. a a 0.2 1 a 2 a a 28 root = 1.130413394591e+02
58 * 1. a a 0.2 1 a 2 a a 30 root = 1.193633e+02

c
58 * 1. a a 0.2 1 a 3 a a 1 root = 6.98899480777e+00
58 * 1. a a 0.2 1 a 3 a a 2 root = 1.045373114242e+01
58 * 1. a a 0.2 1 a 3 a a 3 root = 1.379468329531e+01
58 * 1. a a 0.2 1 a 3 a a 4 root = 1.712694573983e+01
58 * 1. a a 0.2 1 a 3 a a 5 root = 2.043835324131e+01
58 * 1. a a 0.2 1 a 3 a a 6 root = 2.419571322991e+01
58 * 1. a a 0.2 1 a 3 a a 7 root = 2.789389410129e+01
58 * 1. a a 0.2 1 a 3 a a 8 root = 3.19709801025e+01
58 * 1. a a 0.2 1 a 3 a a 9 root = 3.6394689518259e+01
58 * 1. a a 0.2 1 a 3 a a 10 root = 3.9195575125789e+01
58 * 1. a a 0.2 1 a 3 a a 11 root = 4.235300494129e+01
58 * 1. a a 0.2 1 a 3 a a 12 root = 4.687972050874e+01
58 * 1. a a 0.2 1 a 3 a a 13 root = 5.0743053051993e+01
58 * 1. a a 0.2 1 a 3 a a 14 root = 5.461330326863e+01
58 * 1. a a 0.2 1 a 3 a a 15 root = 5.8497392890037e+01
58 * 1. a a 0.2 1 a 3 a a 16 root = 6.239469394146e+01
58 * 1. a a 0.2 1 a 3 a a 17 root = 6.62770394425e+01
58 * 1. a a 0.2 1 a 3 a a 18 root = 7.017357402016e+01
58 * 1. a a 0.2 1 a 3 a a 19 root = 7.407366689472e+01
58 * 1. a a 0.2 1 a 3 a a 20 root = 7.797650493275e+01
58 * 1. a a 0.2 1 a 3 a a 21 root = 8.1891191149497e+01
58 * 1. a a 0.2 1 a 3 a a 22 root = 8.5788382244798e+01
58 * 1. a a 0.2 1 a 3 a a 23 root = 8.968895774005e+01
58 * 1. a a 0.2 1 a 3 a a 24 root = 9.359393943953e+01
58 * 1. a a 0.2 1 a 3 a a 25 root = 9.752184681912e+01
58 * 1. a a 0.2 1 a 3 a a 26 root = 1.0144363122035e+02
58 * 1. a a 0.2 1 a 3 a a 27 root = 1.0534984424070e+02
58 * 1. a a 0.2 1 a 3 a a 28 root = 1.09983204027e+02
58 * 1. a a 0.2 1 a 3 a a 29 root = 1.131816576346e+02
58 * 1. a a 0.2 1 a 3 a a 30 root = 1.1709870730086e+02

```

c
c
c

```
1. a 0.2 1 4 n 1 root = 8.182601682094e+00
1. a 0.2 1 4 n 2 root = 1.170289428339e+01
1. a 0.2 1 4 n 3 root = 1.505307030027e+01
1. a 0.2 1 4 n 4 root = 1.835718787391e+01
1. a 0.2 1 4 n 5 root = 2.173297943914e+01
1. a 0.2 1 4 n 6 root = 2.511971042079e+01
1. a 0.2 1 4 n 7 root = 2.872747534994e+01
1. a 0.2 1 4 n 8 root = 3.258943713188e+01
1. a 0.2 1 4 n 9 root = 3.604947682259e+01
1. a 0.2 1 4 n 10 root = 3.978294889336e+01
1. a 0.2 1 4 n 11 root = 4.3994377301707e+01
1. a 0.2 1 4 n 12 root = 4.736239239571e+01
1. a 0.2 1 4 n 13 root = 5.118636829254e+01
1. a 0.2 1 4 n 14 root = 5.502703999939e+01
1. a 0.2 1 4 n 15 root = 5.878181694952e+01
1. a 0.2 1 4 n 16 root = 6.2739512690269e+01
1. a 0.2 1 4 n 17 root = 6.650919917244e+01
1. a 0.2 1 4 n 18 root = 7.049592959974e+01
1. a 0.2 1 4 n 19 root = 7.435789971205e+01
1. a 0.2 1 4 n 20 root = 7.8294860001639e+01
1. a 0.2 1 4 n 21 root = 8.214997930135e+01
1. a 0.2 1 4 n 22 root = 8.5940562102005e+01
1. a 0.2 1 4 n 23 root = 8.9938194306141e+01
1. a 0.2 1 4 n 24 root = 9.3838357670920e+01
1. a 0.2 1 4 n 25 root = 9.7740841269179e+01
1. a 0.2 1 4 n 26 root = 1.0164532797123e+02
1. a 0.2 1 4 n 27 root = 1.0551350169462e+02
1. a 0.2 1 4 n 28 root = 1.0949940442436e+02
1. a 0.2 1 4 n 29 root = 1.1338662493319e+02
1. a 0.2 1 4 n 30 root = 1.1727906292946e+02
```

c
c
c

```
1. a 0.2 1 5 n 1 root = 9.393618427214e+00
1. a 0.2 1 5 n 2 root = 1.2966731259414e+01
1. a 0.2 1 5 n 3 root = 1.635733306474e+01
1. a 0.2 1 5 n 4 root = 1.9670805762839e+01
1. a 0.2 1 5 n 5 root = 2.2979947940201e+01
1. a 0.2 1 5 n 6 root = 2.63697898961e+01
1. a 0.2 1 5 n 7 root = 2.973999023834e+01
1. a 0.2 1 5 n 8 root = 3.320637967184e+01
1. a 0.2 1 5 n 9 root = 3.688572313882e+01
1. a 0.2 1 5 n 10 root = 4.0521981268810e+01
1. a 0.2 1 5 n 11 root = 4.427030721295e+01
1. a 0.2 1 5 n 12 root = 4.789992947594e+01
1. a 0.2 1 5 n 13 root = 5.1742402166899e+01
1. a 0.2 1 5 n 14 root = 5.559120563474e+01
1. a 0.2 1 5 n 15 root = 5.9358404383178e+01
1. a 0.2 1 5 n 16 root = 6.3181684671677e+01
1. a 0.2 1 5 n 17 root = 6.7023242527738e+01
1. a 0.2 1 5 n 18 root = 7.087487794334e+01
1. a 0.2 1 5 n 19 root = 7.473503262432e+01
1. a 0.2 1 5 n 20 root = 7.86230002930e+01
1. a 0.2 1 5 n 21 root = 8.2478230168947e+01
1. a 0.2 1 5 n 22 root = 8.6291194923152e+01
1. a 0.2 1 5 n 23 root = 9.02716223094e+01
1. a 0.2 1 5 n 24 root = 9.4124403026778e+01
1. a 0.2 1 5 n 25 root = 9.814389487629e+01
1. a 0.2 1 5 n 26 root = 1.019076894936e+02
1. a 0.2 1 5 n 27 root = 1.058089949012e+02
1. a 0.2 1 5 n 28 root = 1.097048734968e+02
1. a 0.2 1 5 n 29 root = 1.136034193989e+02
1. a 0.2 1 5 n 30 root = 1.1750446127388e+02
```

```

c
c
10 = 1. a = 0.2 i = 8 n = 1      root = 1.0512879930278e+01
10 = 1. a = 0.2 i = 8 n = 2      root = 1.4207420183239e+01
10 = 1. a = 0.2 i = 8 n = 3      root = 1.7648453427019e+01
10 = 1. a = 0.2 i = 8 n = 4      root = 2.0947380338976e+01
10 = 1. a = 0.2 i = 8 n = 5      root = 2.4283746322273e+01
10 = 1. a = 0.2 i = 8 n = 6      root = 2.7581728751404e+01
10 = 1. a = 0.2 i = 8 n = 7      root = 3.0827704333357e+01
10 = 1. a = 0.2 i = 8 n = 8      root = 3.40242333333e+01
10 = 1. a = 0.2 i = 8 n = 9      root = 3.7162516233148e+01
10 = 1. a = 0.2 i = 8 n = 10     root = 4.023323230005e+01
10 = 1. a = 0.2 i = 8 n = 11     root = 4.324453231155e+01
10 = 1. a = 0.2 i = 8 n = 12     root = 4.6198220103300e+01
10 = 1. a = 0.2 i = 8 n = 13     root = 4.9093180103302e+01
10 = 1. a = 0.2 i = 8 n = 14     root = 5.19302323232e+01
10 = 1. a = 0.2 i = 8 n = 15     root = 5.47094333232e+01
10 = 1. a = 0.2 i = 8 n = 16     root = 5.74306333348e+01
10 = 1. a = 0.2 i = 8 n = 17     root = 6.00937811948e+01
10 = 1. a = 0.2 i = 8 n = 18     root = 6.27084672211e+01
10 = 1. a = 0.2 i = 8 n = 19     root = 6.527498712223e+01
10 = 1. a = 0.2 i = 8 n = 20     root = 6.77932847173e+01
10 = 1. a = 0.2 i = 8 n = 21     root = 7.02633257169e+01
10 = 1. a = 0.2 i = 8 n = 22     root = 7.269538426130e+01
10 = 1. a = 0.2 i = 8 n = 23     root = 7.50892823944e+01
10 = 1. a = 0.2 i = 8 n = 24     root = 7.74452333347e+01
10 = 1. a = 0.2 i = 8 n = 25     root = 7.976323023702e+01
10 = 1. a = 0.2 i = 8 n = 26     root = 8.204323123320e+02
10 = 1. a = 0.2 i = 8 n = 27     root = 8.42852323232e+02
10 = 1. a = 0.2 i = 8 n = 28     root = 8.64982323232e+02
10 = 1. a = 0.2 i = 8 n = 29     root = 8.86722312330e+02
10 = 1. a = 0.2 i = 8 n = 30     root = 9.08162323239e+02

```

```

c
c
10 = 1. a = 0.2 i = 7 n = 1      root = 1.1857032238131e+01
10 = 1. a = 0.2 i = 7 n = 2      root = 1.5231227291580e+01
10 = 1. a = 0.2 i = 7 n = 3      root = 1.822477622929e+01
10 = 1. a = 0.2 i = 7 n = 4      root = 2.22961700613e+01
10 = 1. a = 0.2 i = 7 n = 5      root = 2.6233118947873e+01
10 = 1. a = 0.2 i = 7 n = 6      root = 2.993873426147e+01
10 = 1. a = 0.2 i = 7 n = 7      root = 3.2189430016205e+01
10 = 1. a = 0.2 i = 7 n = 8      root = 3.3519181715768e+01
10 = 1. a = 0.2 i = 7 n = 9      root = 3.4816113233424e+01
10 = 1. a = 0.2 i = 7 n = 10     root = 3.6078730738824e+01
10 = 1. a = 0.2 i = 7 n = 11     root = 3.730430432323e+01
10 = 1. a = 0.2 i = 7 n = 12     root = 3.84932323232e+01
10 = 1. a = 0.2 i = 7 n = 13     root = 3.96532323199e+01
10 = 1. a = 0.2 i = 7 n = 14     root = 4.07877123232e+01
10 = 1. a = 0.2 i = 7 n = 15     root = 4.18932323232e+01
10 = 1. a = 0.2 i = 7 n = 16     root = 4.29692312323e+01
10 = 1. a = 0.2 i = 7 n = 17     root = 4.40162302323e+01
10 = 1. a = 0.2 i = 7 n = 18     root = 4.50342323232e+01
10 = 1. a = 0.2 i = 7 n = 19     root = 4.60232323232e+01
10 = 1. a = 0.2 i = 7 n = 20     root = 4.70032323232e+01
10 = 1. a = 0.2 i = 7 n = 21     root = 4.79632323232e+01
10 = 1. a = 0.2 i = 7 n = 22     root = 4.89032323232e+01
10 = 1. a = 0.2 i = 7 n = 23     root = 4.98232323232e+01
10 = 1. a = 0.2 i = 7 n = 24     root = 5.07232323232e+01
10 = 1. a = 0.2 i = 7 n = 25     root = 5.16032323232e+01
10 = 1. a = 0.2 i = 7 n = 26     root = 5.24632323232e+01
10 = 1. a = 0.2 i = 7 n = 27     root = 5.33032323232e+01
10 = 1. a = 0.2 i = 7 n = 28     root = 5.41232323232e+01
10 = 1. a = 0.2 i = 7 n = 29     root = 5.49232323232e+01
10 = 1. a = 0.2 i = 7 n = 30     root = 5.57032323232e+01

```

```

c
c
c
** 1. a = 0.2 i = 9 n = 1 root = 1.2790761716457+0i
** 1. a = 0.2 i = 9 n = 2 root = 1.6941003324916+0i
** 1. a = 0.2 i = 9 n = 3 root = 2.0168468710030+0i
** 1. a = 0.2 i = 9 n = 4 root = 2.3591426263465+0i
** 1. a = 0.2 i = 9 n = 5 root = 2.6262238069900+0i
** 1. a = 0.2 i = 9 n = 6 root = 3.027377959795+0i
** 1. a = 0.2 i = 9 n = 7 root = 3.3922182511026+0i
** 1. a = 0.2 i = 9 n = 8 root = 3.6793012403275+0i
** 1. a = 0.2 i = 9 n = 9 root = 4.011939727929+0i
** 1. a = 0.2 i = 9 n = 10 root = 4.3492597120516+0i
** 1. a = 0.2 i = 9 n = 11 root = 4.6992925019335+0i
** 1. a = 0.2 i = 9 n = 12 root = 5.046769487790+0i
** 1. a = 0.2 i = 9 n = 13 root = 5.404204662136+0i
** 1. a = 0.2 i = 9 n = 14 root = 5.769499003453+0i
** 1. a = 0.2 i = 9 n = 15 root = 6.1324952169889+0i
** 1. a = 0.2 i = 9 n = 16 root = 6.5027408767713+0i
** 1. a = 0.2 i = 9 n = 17 root = 6.8753277535710+0i
** 1. a = 0.2 i = 9 n = 18 root = 7.2502040342996+0i
** 1. a = 0.2 i = 9 n = 19 root = 7.627114295255+0i
** 1. a = 0.2 i = 9 n = 20 root = 8.005950669727+0i
** 1. a = 0.2 i = 9 n = 21 root = 8.3869050979789+0i
** 1. a = 0.2 i = 9 n = 22 root = 8.769773926957+0i
** 1. a = 0.2 i = 9 n = 23 root = 9.14900897473+0i
** 1. a = 0.2 i = 9 n = 24 root = 9.532199576099+0i
** 1. a = 0.2 i = 9 n = 25 root = 9.91610046232+0i
** 1. a = 0.2 i = 9 n = 26 root = 1.0300764694324+02
** 1. a = 0.2 i = 9 n = 27 root = 1.0696049168632+02
** 1. a = 0.2 i = 9 n = 28 root = 1.1071089565167+02
** 1. a = 0.2 i = 9 n = 29 root = 1.145822632915+02
** 1. a = 0.2 i = 9 n = 30 root = 1.1845007797406+02
c
c
c
** 1. a = 0.2 i = 9 n = 1 root = 1.3919822610337+0i
** 1. a = 0.2 i = 9 n = 2 root = 1.7838943252067+0i
** 1. a = 0.2 i = 9 n = 3 root = 2.142948899253+0i
** 1. a = 0.2 i = 9 n = 4 root = 2.467324005762+0i
** 1. a = 0.2 i = 9 n = 5 root = 2.825738954495+0i
** 1. a = 0.2 i = 9 n = 6 root = 3.195173008290+0i
** 1. a = 0.2 i = 9 n = 7 root = 3.483260130451+0i
** 1. a = 0.2 i = 9 n = 8 root = 3.8109210594992+0i
** 1. a = 0.2 i = 9 n = 9 root = 4.1393104939107+0i
** 1. a = 0.2 i = 9 n = 10 root = 4.471197077307+0i
** 1. a = 0.2 i = 9 n = 11 root = 4.8084742149085+0i
** 1. a = 0.2 i = 9 n = 12 root = 5.1520144691147+0i
** 1. a = 0.2 i = 9 n = 13 root = 5.501794116885+0i
** 1. a = 0.2 i = 9 n = 14 root = 5.8570979494052+0i
** 1. a = 0.2 i = 9 n = 15 root = 6.2172740391695+0i
** 1. a = 0.2 i = 9 n = 16 root = 6.5816326121405+0i
** 1. a = 0.2 i = 9 n = 17 root = 6.9482174805701+0i
** 1. a = 0.2 i = 9 n = 18 root = 7.319773893369+0i
** 1. a = 0.2 i = 9 n = 19 root = 7.686707192201+0i
** 1. a = 0.2 i = 9 n = 20 root = 8.0582823774+0i
** 1. a = 0.2 i = 9 n = 21 root = 8.4446371041333+0i
** 1. a = 0.2 i = 9 n = 22 root = 8.822666175370+0i
** 1. a = 0.2 i = 9 n = 23 root = 9.202636978217+0i
** 1. a = 0.2 i = 9 n = 24 root = 9.583320668402+0i
** 1. a = 0.2 i = 9 n = 25 root = 9.960176760192+0i
** 1. a = 0.2 i = 9 n = 26 root = 1.0347848202071+02
** 1. a = 0.2 i = 9 n = 27 root = 1.0731288000790+02
** 1. a = 0.2 i = 9 n = 28 root = 1.11194263269+02
** 1. a = 0.2 i = 9 n = 29 root = 1.150163202978+02
** 1. a = 0.2 i = 9 n = 30 root = 1.188949438943+02

```

```

c
c
10 ** 1. a ** 0.2 | * 10 ** 1      root = 1.5033469303794+01
10 ** 1. a ** 0.2 | * 10 ** 2      root = 1.9026630942233+01
10 ** 1. a ** 0.2 | * 10 ** 3      root = 2.2662763089503+01
10 ** 1. a ** 0.2 | * 10 ** 4      root = 2.6142776233094+01
10 ** 1. a ** 0.2 | * 10 ** 5      root = 2.9534682727071+01
10 ** 1. a ** 0.2 | * 10 ** 6      root = 3.2870687259999+01
10 ** 1. a ** 0.2 | * 10 ** 7      root = 3.617014259557+01
10 ** 1. a ** 0.2 | * 10 ** 8      root = 3.944651718925+01
10 ** 1. a ** 0.2 | * 10 ** 9      root = 4.271531148273+01
10 ** 1. a ** 0.2 | * 10 ** 10     root = 4.595977720778+01
10 ** 1. a ** 0.2 | * 10 ** 11     root = 4.930502391314+01
10 ** 1. a ** 0.2 | * 10 ** 12     root = 5.2671257491259+01
10 ** 1. a ** 0.2 | * 10 ** 13     root = 5.60593276759+01
10 ** 1. a ** 0.2 | * 10 ** 14     root = 5.957259993244+01
10 ** 1. a ** 0.2 | * 10 ** 15     root = 6.310759459992+01
10 ** 1. a ** 0.2 | * 10 ** 16     root = 6.686365179894+01
10 ** 1. a ** 0.2 | * 10 ** 17     root = 7.031250126634+01
10 ** 1. a ** 0.2 | * 10 ** 18     root = 7.399952728036+01
10 ** 1. a ** 0.2 | * 10 ** 19     root = 7.792677831430+01
10 ** 1. a ** 0.2 | * 10 ** 20     root = 8.199824506198+01
10 ** 1. a ** 0.2 | * 10 ** 21     root = 8.5101891020927+01
10 ** 1. a ** 0.2 | * 10 ** 22     root = 8.83536236939+01
10 ** 1. a ** 0.2 | * 10 ** 23     root = 9.2621290947739+01
10 ** 1. a ** 0.2 | * 10 ** 24     root = 9.6402999130316+01
10 ** 1. a ** 0.2 | * 10 ** 25     root = 1.0018701361534+02
10 ** 1. a ** 0.2 | * 10 ** 26     root = 1.0400124362220+02
10 ** 1. a ** 0.2 | * 10 ** 27     root = 1.0781254836959+02
10 ** 1. a ** 0.2 | * 10 ** 28     root = 1.1163778114914+02
10 ** 1. a ** 0.2 | * 10 ** 29     root = 1.1546781988936+02
10 ** 1. a ** 0.2 | * 10 ** 30     root = 1.193046109979+02

c
c
10 ** 1. a ** 0.2 | * 11 ** 1      root = 1.6144742942305+01
10 ** 1. a ** 0.2 | * 11 ** 2      root = 2.020394233439+01
10 ** 1. a ** 0.2 | * 11 ** 3      root = 2.3886930767629+01
10 ** 1. a ** 0.2 | * 11 ** 4      root = 2.7401256946114+01
10 ** 1. a ** 0.2 | * 11 ** 5      root = 3.082030919595+01
10 ** 1. a ** 0.2 | * 11 ** 6      root = 3.417920350011+01
10 ** 1. a ** 0.2 | * 11 ** 7      root = 3.74873383967+01
10 ** 1. a ** 0.2 | * 11 ** 8      root = 4.076508392009+01
10 ** 1. a ** 0.2 | * 11 ** 9      root = 4.4029446231432+01
10 ** 1. a ** 0.2 | * 11 ** 10     root = 4.732711931853+01
10 ** 1. a ** 0.2 | * 11 ** 11     root = 5.057988639259+01
10 ** 1. a ** 0.2 | * 11 ** 12     root = 5.392205079175+01
10 ** 1. a ** 0.2 | * 11 ** 13     root = 5.729071718282+01
10 ** 1. a ** 0.2 | * 11 ** 14     root = 6.067901981262+01
10 ** 1. a ** 0.2 | * 11 ** 15     root = 6.413291109894+01
10 ** 1. a ** 0.2 | * 11 ** 16     root = 6.765427810810+01
10 ** 1. a ** 0.2 | * 11 ** 17     root = 7.12463294081+01
10 ** 1. a ** 0.2 | * 11 ** 18     root = 7.491933148702+01
10 ** 1. a ** 0.2 | * 11 ** 19     root = 7.868990763572+01
10 ** 1. a ** 0.2 | * 11 ** 20     root = 8.2128065362283+01
10 ** 1. a ** 0.2 | * 11 ** 21     root = 8.5922018918234+01
10 ** 1. a ** 0.2 | * 11 ** 22     root = 8.953294273946+01
10 ** 1. a ** 0.2 | * 11 ** 23     root = 9.327598299448+01
10 ** 1. a ** 0.2 | * 11 ** 24     root = 9.708899911070+01
10 ** 1. a ** 0.2 | * 11 ** 25     root = 1.007926783695+02
10 ** 1. a ** 0.2 | * 11 ** 26     root = 1.045761786118+02
10 ** 1. a ** 0.2 | * 11 ** 27     root = 1.083677339744+02
10 ** 1. a ** 0.2 | * 11 ** 28     root = 1.1216946031075+02
10 ** 1. a ** 0.2 | * 11 ** 29     root = 1.159802440258+02
10 ** 1. a ** 0.2 | * 11 ** 30     root = 1.197990787244+02

```

```

c
c
** 1. a 0.2 1 12 n 1 root = 1.7250494784128e+01
** 1. a 0.2 1 12 n 2 root = 2.1373972181238e+01
** 1. a 0.2 1 12 n 3 root = 2.5101038252075e+01
** 1. a 0.2 1 12 n 4 root = 2.8849786383077e+01
** 1. a 0.2 1 12 n 5 root = 3.2082678216857e+01
** 1. a 0.2 1 12 n 6 root = 3.547602808882e+01
** 1. a 0.2 1 12 n 7 root = 3.8814098427820e+01
** 1. a 0.2 1 12 n 8 root = 4.211795763861e+01
** 1. a 0.2 1 12 n 9 root = 4.5397823e+01
** 1. a 0.2 1 12 n 10 root = 4.865327e+01
** 1. a 0.2 1 12 n 11 root = 5.19226807879e+01
** 1. a 0.2 1 12 n 12 root = 5.519833451158e+01
** 1. a 0.2 1 12 n 13 root = 5.8502101867815e+01
** 1. a 0.2 1 12 n 14 root = 6.18479132892e+01
** 1. a 0.2 1 12 n 15 root = 6.524947518212e+01
** 1. a 0.2 1 12 n 16 root = 6.869899324460e+01
** 1. a 0.2 1 12 n 17 root = 7.219889504205e+01
** 1. a 0.2 1 12 n 18 root = 7.574941681832e+01
** 1. a 0.2 1 12 n 19 root = 7.93437693894e+01
** 1. a 0.2 1 12 n 20 root = 8.29712018278e+01
** 1. a 0.2 1 12 n 21 root = 8.663594247219e+01
** 1. a 0.2 1 12 n 22 root = 9.033878778885e+01
** 1. a 0.2 1 12 n 23 root = 9.398282571138e+01
** 1. a 0.2 1 12 n 24 root = 9.771136897823e+01
** 1. a 0.2 1 12 n 25 root = 1.0144977520387e+02
** 1. a 0.2 1 12 n 26 root = 1.052338881188e+02
** 1. a 0.2 1 12 n 27 root = 1.0907045006956e+02
** 1. a 0.2 1 12 n 28 root = 1.1294948781263e+02
** 1. a 0.2 1 12 n 29 root = 1.1688319187889e+02
** 1. a 0.2 1 12 n 30 root = 1.2083946334384e+02

```

```

c
c
** 1. a 0.2 1 13 n 1 root = 1.8351261499947e+01
** 1. a 0.2 1 13 n 2 root = 2.2528817071188e+01
** 1. a 0.2 1 13 n 3 root = 2.677181581125e+01
** 1. a 0.2 1 13 n 4 root = 2.9988316339521e+01
** 1. a 0.2 1 13 n 5 root = 3.3383191468286e+01
** 1. a 0.2 1 13 n 6 root = 3.676720950603e+01
** 1. a 0.2 1 13 n 7 root = 4.012214678837e+01
** 1. a 0.2 1 13 n 8 root = 4.344784879794e+01
** 1. a 0.2 1 13 n 9 root = 4.6734645778854e+01
** 1. a 0.2 1 13 n 10 root = 5.000838280718e+01
** 1. a 0.2 1 13 n 11 root = 5.3270286189199e+01
** 1. a 0.2 1 13 n 12 root = 5.6530049281158e+01
** 1. a 0.2 1 13 n 13 root = 5.98118797278e+01
** 1. a 0.2 1 13 n 14 root = 6.309389504049e+01
** 1. a 0.2 1 13 n 15 root = 6.647700087488e+01
** 1. a 0.2 1 13 n 16 root = 6.985054882383e+01
** 1. a 0.2 1 13 n 17 root = 7.3233893716787e+01
** 1. a 0.2 1 13 n 18 root = 7.67146883189e+01
** 1. a 0.2 1 13 n 19 root = 8.0284101272121e+01
** 1. a 0.2 1 13 n 20 root = 8.39548882782e+01
** 1. a 0.2 1 13 n 21 root = 8.746382778259e+01
** 1. a 0.2 1 13 n 22 root = 9.1101017219833e+01
** 1. a 0.2 1 13 n 23 root = 9.47847578821e+01
** 1. a 0.2 1 13 n 24 root = 9.84918338915e+01
** 1. a 0.2 1 13 n 25 root = 1.0219843731834e+02
** 1. a 0.2 1 13 n 26 root = 1.0598813948894e+02
** 1. a 0.2 1 13 n 27 root = 1.098228328385e+02
** 1. a 0.2 1 13 n 28 root = 1.137784078138e+02
** 1. a 0.2 1 13 n 29 root = 1.1774478808011e+02
** 1. a 0.2 1 13 n 30 root = 1.2083881804385e+02

```

```

c
c
** 1. a 0.2 1 14 n 1 root = 1.9447703100025+0i
** 1. a 0.2 1 14 n 2 root = 2.365320037472+0i
** 1. a 0.2 1 14 n 3 root = 2.7507230005074+0i
** 1. a 0.2 1 14 n 4 root = 3.1120621413615+0i
** 1. a 0.2 1 14 n 5 root = 3.4621122732753+0i
** 1. a 0.2 1 14 n 6 root = 3.8047245072523+0i
** 1. a 0.2 1 14 n 7 root = 4.1421404307942+0i
** 1. a 0.2 1 14 n 8 root = 4.4757453601617+0i
** 1. a 0.2 1 14 n 9 root = 4.8024614683351+0i
** 1. a 0.2 1 14 n 10 root = 5.1349554002914+0i
** 1. a 0.2 1 14 n 11 root = 5.4618129007674+0i
** 1. a 0.2 1 14 n 12 root = 5.7876681309974+0i
** 1. a 0.2 1 14 n 13 root = 6.1134185743299+0i
** 1. a 0.2 1 14 n 14 root = 6.4402733262734+0i
** 1. a 0.2 1 14 n 15 root = 6.7683326224004+0i
** 1. a 0.2 1 14 n 16 root = 7.1063351850172+0i
** 1. a 0.2 1 14 n 17 root = 7.445338887658+0i
** 1. a 0.2 1 14 n 18 root = 7.783339171882+0i
** 1. a 0.2 1 14 n 19 root = 8.120818009112+0i
** 1. a 0.2 1 14 n 20 root = 8.468262620071+0i
** 1. a 0.2 1 14 n 21 root = 8.8339740823577+0i
** 1. a 0.2 1 14 n 22 root = 9.1977271227092+0i
** 1. a 0.2 1 14 n 23 root = 9.56014682628+0i
** 1. a 0.2 1 14 n 24 root = 9.9249610106323+0i
** 1. a 0.2 1 14 n 25 root = 1.0292241732078+0E
** 1. a 0.2 1 14 n 26 root = 1.062157911813+0E
** 1. a 0.2 1 14 n 27 root = 1.1032736574225+0E
** 1. a 0.2 1 14 n 28 root = 1.140351012769+0E
** 1. a 0.2 1 14 n 29 root = 1.17373251755+0E
** 1. a 0.2 1 14 n 30 root = 1.2155232414022+0E
c
c
** 1. a 0.2 1 15 n 1 root = 2.0940229327046+0i
** 1. a 0.2 1 15 n 2 root = 2.4464732577526+0i
** 1. a 0.2 1 15 n 3 root = 2.8687430936222+0i
** 1. a 0.2 1 15 n 4 root = 3.294440363999+0i
** 1. a 0.2 1 15 n 5 root = 3.5571194423+0i
** 1. a 0.2 1 15 n 6 root = 3.531932943316+0i
** 1. a 0.2 1 15 n 7 root = 4.2712452626947+0i
** 1. a 0.2 1 15 n 8 root = 4.6004973257322+0i
** 1. a 0.2 1 15 n 9 root = 4.9380942181235+0i
** 1. a 0.2 1 15 n 10 root = 5.283995051995+0i
** 1. a 0.2 1 15 n 11 root = 5.5962426246157+0i
** 1. a 0.2 1 15 n 12 root = 5.9226739812771+0i
** 1. a 0.2 1 15 n 13 root = 6.2482930204977+0i
** 1. a 0.2 1 15 n 14 root = 6.573803735139+0i
** 1. a 0.2 1 15 n 15 root = 6.900418292379+0i
** 1. a 0.2 1 15 n 16 root = 7.229406868004+0i
** 1. a 0.2 1 15 n 17 root = 7.561572514029+0i
** 1. a 0.2 1 15 n 18 root = 7.8969201829495+0i
** 1. a 0.2 1 15 n 19 root = 8.24639936701+0i
** 1. a 0.2 1 15 n 20 root = 8.598204789432+0i
** 1. a 0.2 1 15 n 21 root = 8.953730725985+0i
** 1. a 0.2 1 15 n 22 root = 9.291897322956+0i
** 1. a 0.2 1 15 n 23 root = 9.642711942478+0i
** 1. a 0.2 1 15 n 24 root = 1.0010630024957+0E
** 1. a 0.2 1 15 n 25 root = 1.037423894789+0E
** 1. a 0.2 1 15 n 26 root = 1.0740188026781+0E
** 1. a 0.2 1 15 n 27 root = 1.110823230353+0E
** 1. a 0.2 1 15 n 28 root = 1.1478132307389+0E
** 1. a 0.2 1 15 n 29 root = 1.184982628925+0E
** 1. a 0.2 1 15 n 30 root = 1.22227288006174+0E

```

```

c
c
c
58 * 1. a 0.3 1 1 n 1 root = 4.61300468009534+00
58 * 1. a 0.3 1 1 n 2 root = 8.46920629468304+00
58 * 1. a 0.3 1 1 n 3 root = 1.2711638495211604+01
58 * 1. a 0.3 1 1 n 4 root = 1.70860725716884+01
58 * 1. a 0.3 1 1 n 5 root = 2.15106716029534+01
58 * 1. a 0.3 1 1 n 6 root = 2.59268800474764+01
58 * 1. a 0.3 1 1 n 7 root = 3.04218983029434+01
58 * 1. a 0.3 1 1 n 8 root = 3.4991322767894+01
58 * 1. a 0.3 1 1 n 9 root = 3.9589406294901+01
58 * 1. a 0.3 1 1 n 10 root = 4.3942052778034+01
58 * 1. a 0.3 1 1 n 11 root = 4.83219819576934+01
58 * 1. a 0.3 1 1 n 12 root = 5.26229393491134+01
58 * 1. a 0.3 1 1 n 13 root = 5.72950810319634+01
58 * 1. a 0.3 1 1 n 14 root = 6.17891324362994+01
58 * 1. a 0.3 1 1 n 15 root = 6.62518577493674+01
58 * 1. a 0.3 1 1 n 16 root = 7.0736231198880+01
58 * 1. a 0.3 1 1 n 17 root = 7.56210271961374+01
58 * 1. a 0.3 1 1 n 18 root = 7.9762028838684+01
58 * 1. a 0.3 1 1 n 19 root = 8.4191694536294+01
58 * 1. a 0.3 1 1 n 20 root = 8.8677451837731+01
58 * 1. a 0.3 1 1 n 21 root = 9.3163434578835+01
58 * 1. a 0.3 1 1 n 22 root = 9.7849610360794+01
58 * 1. a 0.3 1 1 n 23 root = 1.0213592594804+02
58 * 1. a 0.3 1 1 n 24 root = 1.06622439413704+02
58 * 1. a 0.3 1 1 n 25 root = 1.11109052603324+02
58 * 1. a 0.3 1 1 n 26 root = 1.15995776882414+02
58 * 1. a 0.3 1 1 n 27 root = 1.20262559333754+02
58 * 1. a 0.3 1 1 n 28 root = 1.24969508973754+02
58 * 1. a 0.3 1 1 n 29 root = 1.29094946386674+02
58 * 1. a 0.3 1 1 n 30 root = 1.33943953470864+02

```

```

c
c
c
58 * 1. a 0.3 1 2 n 1 root = 5.78940047493104+00
58 * 1. a 0.3 1 2 n 2 root = 9.43957100406194+00
58 * 1. a 0.3 1 2 n 3 root = 1.33953033083414+01
58 * 1. a 0.3 1 2 n 4 root = 1.79738813939494+01
58 * 1. a 0.3 1 2 n 5 root = 2.18897604011114+01
58 * 1. a 0.3 1 2 n 6 root = 2.6263026921414+01
58 * 1. a 0.3 1 2 n 7 root = 3.06759918751064+01
58 * 1. a 0.3 1 2 n 8 root = 3.5108930307894+01
58 * 1. a 0.3 1 2 n 9 root = 3.9599327728284+01
58 * 1. a 0.3 1 2 n 10 root = 4.40114920313154+01
58 * 1. a 0.3 1 2 n 11 root = 4.8473804597604+01
58 * 1. a 0.3 1 2 n 12 root = 5.29498081961714+01
58 * 1. a 0.3 1 2 n 13 root = 5.74113177146564+01
58 * 1. a 0.3 1 2 n 14 root = 6.189430639394+01
58 * 1. a 0.3 1 2 n 15 root = 6.6398807716374+01
58 * 1. a 0.3 1 2 n 16 root = 7.0936394268364+01
58 * 1. a 0.3 1 2 n 17 root = 7.5315361847864+01
58 * 1. a 0.3 1 2 n 18 root = 7.9794201802864+01
58 * 1. a 0.3 1 2 n 19 root = 8.42794293660374+01
58 * 1. a 0.3 1 2 n 20 root = 8.87577302746734+01
58 * 1. a 0.3 1 2 n 21 root = 9.3238709883064+01
58 * 1. a 0.3 1 2 n 22 root = 9.77214262321124+01
58 * 1. a 0.3 1 2 n 23 root = 1.02204311029974+02
58 * 1. a 0.3 1 2 n 24 root = 1.066877062794+02
58 * 1. a 0.3 1 2 n 25 root = 1.1117116591994+02
58 * 1. a 0.3 1 2 n 26 root = 1.1566362627984+02
58 * 1. a 0.3 1 2 n 27 root = 1.20140345071614+02
58 * 1. a 0.3 1 2 n 28 root = 1.246265077103194+02
58 * 1. a 0.3 1 2 n 29 root = 1.29110081727214+02
58 * 1. a 0.3 1 2 n 30 root = 1.33686275199414+02

```



```

c
c
50 * 1. a = 0.3 1 = 3 n = 1 root = 6.997315227750e+00
50 * 1. a = 0.3 1 = 3 n = 2 root = 1.0929962462e+01
50 * 1. a = 0.3 1 = 3 n = 3 root = 1.4276621830986e+01
50 * 1. a = 0.3 1 = 3 n = 4 root = 1.822492369338e+01
50 * 1. a = 0.3 1 = 3 n = 5 root = 2.243206977614e+01
50 * 1. a = 0.3 1 = 3 n = 6 root = 2.670929461929e+01
50 * 1. a = 0.3 1 = 3 n = 7 root = 3.105104673235e+01
50 * 1. a = 0.3 1 = 3 n = 8 root = 3.54320690708e+01
50 * 1. a = 0.3 1 = 3 n = 9 root = 3.989937214516e+01
50 * 1. a = 0.3 1 = 3 n = 10 root = 4.43295003304e+01
50 * 1. a = 0.3 1 = 3 n = 11 root = 4.8700697473191e+01
50 * 1. a = 0.3 1 = 3 n = 12 root = 5.314960773969e+01
50 * 1. a = 0.3 1 = 3 n = 13 root = 5.760201243952e+01
50 * 1. a = 0.3 1 = 3 n = 14 root = 6.208792738667e+01
50 * 1. a = 0.3 1 = 3 n = 15 root = 6.661997806117e+01
50 * 1. a = 0.3 1 = 3 n = 16 root = 7.126777102038e+01
50 * 1. a = 0.3 1 = 3 n = 17 root = 7.594666709406e+01
50 * 1. a = 0.3 1 = 3 n = 18 root = 7.99760003639e+01
50 * 1. a = 0.3 1 = 3 n = 19 root = 8.440051332745e+01
50 * 1. a = 0.3 1 = 3 n = 20 root = 8.877549349458e+01
50 * 1. a = 0.3 1 = 3 n = 21 root = 9.336152989791e+01
50 * 1. a = 0.3 1 = 3 n = 22 root = 9.76666270687e+01
50 * 1. a = 0.3 1 = 3 n = 23 root = 1.028167883950e+02
50 * 1. a = 0.3 1 = 3 n = 24 root = 1.077657764198e+02
50 * 1. a = 0.3 1 = 3 n = 25 root = 1.12695294017e+02
50 * 1. a = 0.3 1 = 3 n = 26 root = 1.157493346602e+02
50 * 1. a = 0.3 1 = 3 n = 27 root = 1.202693009687e+02
50 * 1. a = 0.3 1 = 3 n = 28 root = 1.247004674051e+02
50 * 1. a = 0.3 1 = 3 n = 29 root = 1.291904326173e+02
50 * 1. a = 0.3 1 = 3 n = 30 root = 1.33748339448e+02
c
c
50 * 1. a = 0.3 1 = 4 n = 1 root = 8.1849139791570e+00
50 * 1. a = 0.3 1 = 4 n = 2 root = 1.179661126531e+01
50 * 1. a = 0.3 1 = 4 n = 3 root = 1.526399976945e+01
50 * 1. a = 0.3 1 = 4 n = 4 root = 1.9101922192651e+01
50 * 1. a = 0.3 1 = 4 n = 5 root = 2.313123362465e+01
50 * 1. a = 0.3 1 = 4 n = 6 root = 2.729993157931e+01
50 * 1. a = 0.3 1 = 4 n = 7 root = 3.154331446291e+01
50 * 1. a = 0.3 1 = 4 n = 8 root = 3.585768239460e+01
50 * 1. a = 0.3 1 = 4 n = 9 root = 4.021793444947e+01
50 * 1. a = 0.3 1 = 4 n = 10 root = 4.458739429477e+01
50 * 1. a = 0.3 1 = 4 n = 11 root = 4.9001952800998e+01
50 * 1. a = 0.3 1 = 4 n = 12 root = 5.34096935304e+01
50 * 1. a = 0.3 1 = 4 n = 13 root = 5.78119562395e+01
50 * 1. a = 0.3 1 = 4 n = 14 root = 6.220460137846e+01
50 * 1. a = 0.3 1 = 4 n = 15 root = 6.673670032899e+01
50 * 1. a = 0.3 1 = 4 n = 16 root = 7.119849452577e+01
50 * 1. a = 0.3 1 = 4 n = 17 root = 7.594797900356e+01
50 * 1. a = 0.3 1 = 4 n = 18 root = 8.01944938961e+01
50 * 1. a = 0.3 1 = 4 n = 19 root = 8.45600780009e+01
50 * 1. a = 0.3 1 = 4 n = 20 root = 8.903373062261e+01
50 * 1. a = 0.3 1 = 4 n = 21 root = 9.350300894178e+01
50 * 1. a = 0.3 1 = 4 n = 22 root = 9.797173663140e+01
50 * 1. a = 0.3 1 = 4 n = 23 root = 1.024431329834e+02
50 * 1. a = 0.3 1 = 4 n = 24 root = 1.069163266309e+02
50 * 1. a = 0.3 1 = 4 n = 25 root = 1.113909911283e+02
50 * 1. a = 0.3 1 = 4 n = 26 root = 1.158699949325e+02
50 * 1. a = 0.3 1 = 4 n = 27 root = 1.203423123732e+02
50 * 1. a = 0.3 1 = 4 n = 28 root = 1.248192711985e+02
50 * 1. a = 0.3 1 = 4 n = 29 root = 1.2929716776791e+02
50 * 1. a = 0.3 1 = 4 n = 30 root = 1.3377619980011e+02

```

```

c
c
10 ** 1. a ** 0.3 i ** 5 n ** 1 root = 9.3663710102294e+00
10 ** 1. a ** 0.3 i ** 5 n ** 2 root = 1.2909481195097e+01
10 ** 1. a ** 0.3 i ** 5 n ** 3 root = 1.846309161218e+01
10 ** 1. a ** 0.3 i ** 5 n ** 4 root = 2.0121052e+01
10 ** 1. a ** 0.3 i ** 5 n ** 5 root = 2.368676704e+01
10 ** 1. a ** 0.3 i ** 5 n ** 6 root = 2.76533794881e+01
10 ** 1. a ** 0.3 i ** 5 n ** 7 root = 3.2147026400368e+01
10 ** 1. a ** 0.3 i ** 5 n ** 8 root = 3.6360084394487e+01
10 ** 1. a ** 0.3 i ** 5 n ** 9 root = 4.074989704613e+01
10 ** 1. a ** 0.3 i ** 5 n ** 10 root = 4.5011372172306e+01
10 ** 1. a ** 0.3 i ** 5 n ** 11 root = 4.9375302783327e+01
10 ** 1. a ** 0.3 i ** 5 n ** 12 root = 5.376113005263e+01
10 ** 1. a ** 0.3 i ** 5 n ** 13 root = 5.8163626099074e+01
10 ** 1. a ** 0.3 i ** 5 n ** 14 root = 6.2579083136975e+01
10 ** 1. a ** 0.3 i ** 5 n ** 15 root = 6.700475206663e+01
10 ** 1. a ** 0.3 i ** 5 n ** 16 root = 7.1438746860196e+01
10 ** 1. a ** 0.3 i ** 5 n ** 17 root = 7.5879429590006e+01
10 ** 1. a ** 0.3 i ** 5 n ** 18 root = 8.032682098904e+01
10 ** 1. a ** 0.3 i ** 5 n ** 19 root = 8.4776526168532e+01
10 ** 1. a ** 0.3 i ** 5 n ** 20 root = 8.9231310943179e+01
10 ** 1. a ** 0.3 i ** 5 n ** 21 root = 9.36891471348e+01
10 ** 1. a ** 0.3 i ** 5 n ** 22 root = 9.8150371309496e+01
10 ** 1. a ** 0.3 i ** 5 n ** 23 root = 1.0261378250376e+02
10 ** 1. a ** 0.3 i ** 5 n ** 24 root = 1.0707036867511e+02
10 ** 1. a ** 0.3 i ** 5 n ** 25 root = 1.1154679670573e+02
10 ** 1. a ** 0.3 i ** 5 n ** 26 root = 1.160348721577e+02
10 ** 1. a ** 0.3 i ** 5 n ** 27 root = 1.20466947633377e+02
10 ** 1. a ** 0.3 i ** 5 n ** 28 root = 1.2495628794136e+02
10 ** 1. a ** 0.3 i ** 5 n ** 29 root = 1.2943129168808e+02
10 ** 1. a ** 0.3 i ** 5 n ** 30 root = 1.339033600508e+02

c
c
10 ** 1. a ** 0.3 i ** 6 n ** 1 root = 1.051292814e90+01
10 ** 1. a ** 0.3 i ** 6 n ** 2 root = 1.421261747678e+01
10 ** 1. a ** 0.3 i ** 6 n ** 3 root = 1.770180702538e+01
10 ** 1. a ** 0.3 i ** 6 n ** 4 root = 2.122935048916e+01
10 ** 1. a ** 0.3 i ** 6 n ** 5 root = 2.438991029449e+01
10 ** 1. a ** 0.3 i ** 6 n ** 6 root = 2.801720036653e+01
10 ** 1. a ** 0.3 i ** 6 n ** 7 root = 3.2036728742070e+01
10 ** 1. a ** 0.3 i ** 6 n ** 8 root = 3.7003691140221e+01
10 ** 1. a ** 0.3 i ** 6 n ** 9 root = 4.122625173771e+01
10 ** 1. a ** 0.3 i ** 6 n ** 10 root = 4.5903675027188e+01
10 ** 1. a ** 0.3 i ** 6 n ** 11 root = 4.9620709470011e+01
10 ** 1. a ** 0.3 i ** 6 n ** 12 root = 5.4167646108774e+01
10 ** 1. a ** 0.3 i ** 6 n ** 13 root = 5.8536726200243e+01
10 ** 1. a ** 0.3 i ** 6 n ** 14 root = 6.2923986013013e+01
10 ** 1. a ** 0.3 i ** 6 n ** 15 root = 6.752528246379e+01
10 ** 1. a ** 0.3 i ** 6 n ** 16 root = 7.1738176945365e+01
10 ** 1. a ** 0.3 i ** 6 n ** 17 root = 7.6160269948306e+01
10 ** 1. a ** 0.3 i ** 6 n ** 18 root = 8.0500510116674e+01
10 ** 1. a ** 0.3 i ** 6 n ** 19 root = 8.502626920728e+01
10 ** 1. a ** 0.3 i ** 6 n ** 20 root = 8.9467919025185e+01
10 ** 1. a ** 0.3 i ** 6 n ** 21 root = 9.3914163019353e+01
10 ** 1. a ** 0.3 i ** 6 n ** 22 root = 9.8394436360168e+01
10 ** 1. a ** 0.3 i ** 6 n ** 23 root = 1.0291811137901e+02
10 ** 1. a ** 0.3 i ** 6 n ** 24 root = 1.0727477829786e+02
10 ** 1. a ** 0.3 i ** 6 n ** 25 root = 1.1173404639403e+02
10 ** 1. a ** 0.3 i ** 6 n ** 26 root = 1.161982623091e+02
10 ** 1. a ** 0.3 i ** 6 n ** 27 root = 1.2086623945199e+02
10 ** 1. a ** 0.3 i ** 6 n ** 28 root = 1.2512483804974e+02
10 ** 1. a ** 0.3 i ** 6 n ** 29 root = 1.2993170461989e+02
10 ** 1. a ** 0.3 i ** 6 n ** 30 root = 1.3468019260499e+02

```

```

c
c
** 1. a = 0.3 i = 7 n = 1      root = 1.1657060315009e+01
** 1. a = 0.3 i = 7 n = 2      root = 1.9432768011682e+01
** 1. a = 0.3 i = 7 n = 3      root = 1.6943311686659e+01
** 1. a = 0.3 i = 7 n = 4      root = 2.2413796873655e+01
** 1. a = 0.3 i = 7 n = 5      root = 2.5950255920259e+01
** 1. a = 0.3 i = 7 n = 6      root = 2.574942720221e+01
** 1. a = 0.3 i = 7 n = 7      root = 3.366695601399e+01
** 1. a = 0.3 i = 7 n = 8      root = 3.771622472517e+01
** 1. a = 0.3 i = 7 n = 9      root = 4.182920021335e+01
** 1. a = 0.3 i = 7 n = 10     root = 4.6072439560081e+01
** 1. a = 0.3 i = 7 n = 11     root = 5.032597266251e+01
** 1. a = 0.3 i = 7 n = 12     root = 5.4637576261028e+01
** 1. a = 0.3 i = 7 n = 13     root = 5.8989043918145e+01
** 1. a = 0.3 i = 7 n = 14     root = 6.3394948018170e+01
** 1. a = 0.3 i = 7 n = 15     root = 6.7857926091099e+01
** 1. a = 0.3 i = 7 n = 16     root = 7.2086320312662e+01
** 1. a = 0.3 i = 7 n = 17     root = 7.646997775095e+01
** 1. a = 0.3 i = 7 n = 18     root = 8.069771177250e+01
** 1. a = 0.3 i = 7 n = 19     root = 8.5316970171070e+01
** 1. a = 0.3 i = 7 n = 20     root = 8.974392704939e+01
** 1. a = 0.3 i = 7 n = 21     root = 9.417626378657e+01
** 1. a = 0.3 i = 7 n = 22     root = 9.8613776735733e+01
** 1. a = 0.3 i = 7 n = 23     root = 1.03205013733490e+02
** 1. a = 0.3 i = 7 n = 24     root = 1.0792024783393e+02
** 1. a = 0.3 i = 7 n = 25     root = 1.1195224936179e+02
** 1. a = 0.3 i = 7 n = 26     root = 1.1640569107173e+02
** 1. a = 0.3 i = 7 n = 27     root = 1.203063392594e+02
** 1. a = 0.3 i = 7 n = 28     root = 1.2531895878339e+02
** 1. a = 0.3 i = 7 n = 29     root = 1.2978699489271e+02
** 1. a = 0.3 i = 7 n = 30     root = 1.34240472213887e+02

c
c
** 1. a = 0.3 i = 8 n = 1      root = 1.2790767761099e+01
** 1. a = 0.3 i = 8 n = 2      root = 1.69414715943e+01
** 1. a = 0.3 i = 8 n = 3      root = 2.016651877974e+01
** 1. a = 0.3 i = 8 n = 4      root = 2.3943503394949e+01
** 1. a = 0.3 i = 8 n = 5      root = 2.7137694966117e+01
** 1. a = 0.3 i = 8 n = 6      root = 3.077411252039e+01
** 1. a = 0.3 i = 8 n = 7      root = 3.4571807339403e+01
** 1. a = 0.3 i = 8 n = 8      root = 3.895177187134e+01
** 1. a = 0.3 i = 8 n = 9      root = 4.2524944827133e+01
** 1. a = 0.3 i = 8 n = 10     root = 4.671576978305e+01
** 1. a = 0.3 i = 8 n = 11     root = 5.090006169792e+01
** 1. a = 0.3 i = 8 n = 12     root = 5.517618729653e+01
** 1. a = 0.3 i = 8 n = 13     root = 5.9461496047950e+01
** 1. a = 0.3 i = 8 n = 14     root = 6.376002960933e+01
** 1. a = 0.3 i = 8 n = 15     root = 6.8121919591194e+01
** 1. a = 0.3 i = 8 n = 16     root = 7.248273546819e+01
** 1. a = 0.3 i = 8 n = 17     root = 7.685361625254e+01
** 1. a = 0.3 i = 8 n = 18     root = 8.124816276108e+01
** 1. a = 0.3 i = 8 n = 19     root = 8.564836666270e+01
** 1. a = 0.3 i = 8 n = 20     root = 9.0057940166950e+01
** 1. a = 0.3 i = 8 n = 21     root = 9.44746257446e+01
** 1. a = 0.3 i = 8 n = 22     root = 9.889821868134e+01
** 1. a = 0.3 i = 8 n = 23     root = 1.0322771937798e+02
** 1. a = 0.3 i = 8 n = 24     root = 1.0776263127468e+02
** 1. a = 0.3 i = 8 n = 25     root = 1.1220127781494e+02
** 1. a = 0.3 i = 8 n = 26     root = 1.1694118251942e+02
** 1. a = 0.3 i = 8 n = 27     root = 1.2103294821159e+02
** 1. a = 0.3 i = 8 n = 28     root = 1.2533666307977e+02
** 1. a = 0.3 i = 8 n = 29     root = 1.2966216919101e+02
** 1. a = 0.3 i = 8 n = 30     root = 1.344463537235e+02

```

```

c
c
50 ** 1. a = 0.3 | 9 n = 1 root = 1.3919923994299e+01
50 ** 1. a = 0.3 | 9 n = 2 root = 1.783725213061e+01
50 ** 1. a = 0.3 | 9 n = 3 root = 2.143079987076e+01
50 ** 1. a = 0.3 | 9 n = 4 root = 2.4689432365753e+01
50 ** 1. a = 0.3 | 9 n = 5 root = 2.8342539593956e+01
50 ** 1. a = 0.3 | 9 n = 6 root = 3.1876916962390e+01
50 ** 1. a = 0.3 | 9 n = 7 root = 3.599425935767e+01
50 ** 1. a = 0.3 | 9 n = 8 root = 3.940264952795e+01
50 ** 1. a = 0.3 | 9 n = 9 root = 4.3367955943953e+01
50 ** 1. a = 0.3 | 9 n = 10 root = 4.743192379458e+01
50 ** 1. a = 0.3 | 9 n = 11 root = 5.1571395304326e+01
50 ** 1. a = 0.3 | 9 n = 12 root = 5.5768760252184e+01
50 ** 1. a = 0.3 | 9 n = 13 root = 6.001139570481e+01
50 ** 1. a = 0.3 | 9 n = 14 root = 6.4295706959059e+01
50 ** 1. a = 0.3 | 9 n = 15 root = 6.899936727862e+01
50 ** 1. a = 0.3 | 9 n = 16 root = 7.399365211879e+01
50 ** 1. a = 0.3 | 9 n = 17 root = 7.927624932194e+01
50 ** 1. a = 0.3 | 9 n = 18 root = 8.4841510032791e+01
50 ** 1. a = 0.3 | 9 n = 19 root = 9.0690125633339e+01
50 ** 1. a = 0.3 | 9 n = 20 root = 9.641006179699e+01
50 ** 1. a = 0.3 | 9 n = 21 root = 9.489999929112e+01
50 ** 1. a = 0.3 | 9 n = 22 root = 9.321757270238e+01
50 ** 1. a = 0.3 | 9 n = 23 root = 1.036326939999e+02
50 ** 1. a = 0.3 | 9 n = 24 root = 1.0809409941070e+02
50 ** 1. a = 0.3 | 9 n = 25 root = 1.1248101387198e+02
50 ** 1. a = 0.3 | 9 n = 26 root = 1.1691276782146e+02
50 ** 1. a = 0.3 | 9 n = 27 root = 1.213488339995e+02
50 ** 1. a = 0.3 | 9 n = 28 root = 1.2578377616917e+02
50 ** 1. a = 0.3 | 9 n = 29 root = 1.3023211047621e+02
50 ** 1. a = 0.3 | 9 n = 30 root = 1.3467651781069e+02

```

```

c
c
50 ** 1. a = 0.3 | 10 n = 1 root = 1.5033469567222e+01
50 ** 1. a = 0.3 | 10 n = 2 root = 1.9029681249771e+01
50 ** 1. a = 0.3 | 10 n = 3 root = 2.2663436996940e+01
50 ** 1. a = 0.3 | 10 n = 4 root = 2.6167099186301e+01
50 ** 1. a = 0.3 | 10 n = 5 root = 2.9583270539276e+01
50 ** 1. a = 0.3 | 10 n = 6 root = 3.309213999952e+01
50 ** 1. a = 0.3 | 10 n = 7 root = 3.668669762601e+01
50 ** 1. a = 0.3 | 10 n = 8 root = 4.0368329400039e+01
50 ** 1. a = 0.3 | 10 n = 9 root = 4.4237929211373e+01
50 ** 1. a = 0.3 | 10 n = 10 root = 4.821916380782e+01
50 ** 1. a = 0.3 | 10 n = 11 root = 5.2289949494929e+01
50 ** 1. a = 0.3 | 10 n = 12 root = 5.6439978739953e+01
50 ** 1. a = 0.3 | 10 n = 13 root = 6.0619435299974e+01
50 ** 1. a = 0.3 | 10 n = 14 root = 6.4823299795249e+01
50 ** 1. a = 0.3 | 10 n = 15 root = 6.9121994942722e+01
50 ** 1. a = 0.3 | 10 n = 16 root = 7.3416289192909e+01
50 ** 1. a = 0.3 | 10 n = 17 root = 7.778017600051e+01
50 ** 1. a = 0.3 | 10 n = 18 root = 8.2076930949959e+01
50 ** 1. a = 0.3 | 10 n = 19 root = 8.6431974603132e+01
50 ** 1. a = 0.3 | 10 n = 20 root = 9.0600700824409e+01
50 ** 1. a = 0.3 | 10 n = 21 root = 9.5181192903574e+01
50 ** 1. a = 0.3 | 10 n = 22 root = 9.971693432904e+01
50 ** 1. a = 0.3 | 10 n = 23 root = 1.0397089051266e+02
50 ** 1. a = 0.3 | 10 n = 24 root = 1.083777526279e+02
50 ** 1. a = 0.3 | 10 n = 25 root = 1.1279131728477e+02
50 ** 1. a = 0.3 | 10 n = 26 root = 1.17210769491967e+02
50 ** 1. a = 0.3 | 10 n = 27 root = 1.2163948536700e+02
50 ** 1. a = 0.3 | 10 n = 28 root = 1.26089494921362e+02
50 ** 1. a = 0.3 | 10 n = 29 root = 1.3049837139976e+02
50 ** 1. a = 0.3 | 10 n = 30 root = 1.3493663796796e+02

```

c

c

```
10 ** 1. a ** 0.3 1 ** 11 n ** 1 root = 1.614474299974e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 2 root = 2.0203949176812e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 3 root = 2.395745359311e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 4 root = 2.7404107462851e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 5 root = 3.08416110457939e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 6 root = 3.4276500057777e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 7 root = 3.770329502383e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 8 root = 4.146894600715e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 9 root = 4.519376542734e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 10 root = 4.9079369536721e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 11 root = 5.307069574957e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 12 root = 5.7144853931474e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 13 root = 6.1281798899873e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 14 root = 6.5468795949614e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 15 root = 6.989308157171e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 16 root = 7.4559410405398e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 17 root = 7.9473947301521e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 18 root = 8.459410429488e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 19 root = 8.9939594037899e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 20 root = 9.552393935311e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 21 root = 9.9950188793501e+01
10 ** 1. a ** 0.3 1 ** 11 n ** 22 root = 1.0494209182858e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 23 root = 1.0875307837276e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 24 root = 1.1313204066095e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 25 root = 1.1753804310542e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 26 root = 1.219603886935e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 27 root = 1.2638809594372e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 28 root = 1.307887782532e+02
10 ** 1. a ** 0.3 1 ** 11 n ** 29 root = 1.3521812633959e+02
```

c

c

```
10 ** 1. a ** 0.3 1 ** 12 n ** 1 root = 1.7290494794916e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 2 root = 2.137973829894e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 3 root = 2.510109820097e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 4 root = 2.855079922219e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 5 root = 3.2102046257499e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 6 root = 3.5822747409187e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 7 root = 3.9707018104952e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 8 root = 4.37516746533128e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 9 root = 4.806937891773e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 10 root = 4.9999423023900e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 11 root = 5.3919939514951e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 12 root = 5.7827930039970e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 13 root = 6.2000887253981e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 14 root = 6.6136746333670e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 15 root = 7.0319598278636e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 16 root = 7.45940757078265e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 17 root = 7.893820329496e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 18 root = 8.37252493991102e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 19 root = 8.737498924022e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 20 root = 9.1889199077070e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 21 root = 9.6032038996161e+01
10 ** 1. a ** 0.3 1 ** 12 n ** 22 root = 1.003630194899e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 23 root = 1.0474613101970e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 24 root = 1.091193081394e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 25 root = 1.135030290087e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 26 root = 1.1789442439139e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 27 root = 1.2230119286116e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 28 root = 1.2682841759480e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 29 root = 1.3140963198889e+02
10 ** 1. a ** 0.3 1 ** 12 n ** 30 root = 1.362550013142e+02
```

c

c

```
58 * 1. a 0.3 1 13 n 1 root = 1.8351261498091e+01
58 * 1. a 0.3 1 13 n 2 root = 2.2538617459335e+01
58 * 1. a 0.3 1 13 n 3 root = 2.6307183221249e+01
58 * 1. a 0.3 1 13 n 4 root = 2.96985252707e+01
58 * 1. a 0.3 1 13 n 5 root = 3.30633297773e+01
58 * 1. a 0.3 1 13 n 6 root = 3.676273351394e+01
58 * 1. a 0.3 1 13 n 7 root = 4.0504725791652e+01
58 * 1. a 0.3 1 13 n 8 root = 4.3882257051990e+01
58 * 1. a 0.3 1 13 n 9 root = 4.7271821903961e+01
58 * 1. a 0.3 1 13 n 10 root = 5.056375281135e+01
58 * 1. a 0.3 1 13 n 11 root = 5.4629204753287e+01
58 * 1. a 0.3 1 13 n 12 root = 5.8792225031205e+01
58 * 1. a 0.3 1 13 n 13 root = 6.2774373267371e+01
58 * 1. a 0.3 1 13 n 14 root = 6.666200298223e+01
58 * 1. a 0.3 1 13 n 15 root = 7.0591594578007e+01
58 * 1. a 0.3 1 13 n 16 root = 7.5170948792381e+01
58 * 1. a 0.3 1 13 n 17 root = 7.938652332079e+01
58 * 1. a 0.3 1 13 n 18 root = 8.363744908201e+01
58 * 1. a 0.3 1 13 n 19 root = 8.7904661951071e+01
58 * 1. a 0.3 1 13 n 20 root = 9.2199473183048e+01
58 * 1. a 0.3 1 13 n 21 root = 9.6511005222195e+01
58 * 1. a 0.3 1 13 n 22 root = 1.00833652933e+02
58 * 1. a 0.3 1 13 n 23 root = 1.051827820723e+02
58 * 1. a 0.3 1 13 n 24 root = 1.095380427697e+02
58 * 1. a 0.3 1 13 n 25 root = 1.138912372652e+02
58 * 1. a 0.3 1 13 n 26 root = 1.1827978493030e+02
58 * 1. a 0.3 1 13 n 27 root = 1.2260339467691e+02
58 * 1. a 0.3 1 13 n 28 root = 1.270566535875e+02
58 * 1. a 0.3 1 13 n 29 root = 1.3149422821827e+02
58 * 1. a 0.3 1 13 n 30 root = 1.3596665795152e+02
```

c

c

```
59 * 1. a 0.3 1 14 n 1 root = 1.9447703106516e+01
59 * 1. a 0.3 1 14 n 2 root = 2.3693208127395e+01
59 * 1. a 0.3 1 14 n 3 root = 2.790575750446e+01
59 * 1. a 0.3 1 14 n 4 root = 3.112971141185e+01
59 * 1. a 0.3 1 14 n 5 root = 3.4622249336136e+01
59 * 1. a 0.3 1 14 n 6 root = 3.8029474431291e+01
59 * 1. a 0.3 1 14 n 7 root = 4.1461182844387e+01
59 * 1. a 0.3 1 14 n 8 root = 4.4693322929773e+01
59 * 1. a 0.3 1 14 n 9 root = 4.8407861934111e+01
59 * 1. a 0.3 1 14 n 10 root = 5.2038318561165e+01
59 * 1. a 0.3 1 14 n 11 root = 5.57916297829561e+01
59 * 1. a 0.3 1 14 n 12 root = 5.9651791313776e+01
59 * 1. a 0.3 1 14 n 13 root = 6.362918571225e+01
59 * 1. a 0.3 1 14 n 14 root = 6.763590996037e+01
59 * 1. a 0.3 1 14 n 15 root = 7.1711463771940e+01
59 * 1. a 0.3 1 14 n 16 root = 7.594823036514e+01
59 * 1. a 0.3 1 14 n 17 root = 8.0322424503006e+01
59 * 1. a 0.3 1 14 n 18 root = 8.4833088407071e+01
59 * 1. a 0.3 1 14 n 19 root = 8.947825141627e+01
59 * 1. a 0.3 1 14 n 20 root = 9.2738720184121e+01
59 * 1. a 0.3 1 14 n 21 root = 9.70237068225e+01
59 * 1. a 0.3 1 14 n 22 root = 1.013382278025e+02
59 * 1. a 0.3 1 14 n 23 root = 1.0595188219533e+02
59 * 1. a 0.3 1 14 n 24 root = 1.0998731323975e+02
59 * 1. a 0.3 1 14 n 25 root = 1.1435015784032e+02
59 * 1. a 0.3 1 14 n 26 root = 1.18960327651895e+02
59 * 1. a 0.3 1 14 n 27 root = 1.2306226428109e+02
59 * 1. a 0.3 1 14 n 28 root = 1.2743881110565e+02
59 * 1. a 0.3 1 14 n 29 root = 1.318248527670e+02
59 * 1. a 0.3 1 14 n 30 root = 1.3621602293335e+02
```

c
c
c

se	=	1.	a	=	0.3	l	=	15	n	=	1	root	=	2.0540229825130e+01
se	=	1.	a	=	0.3	l	=	15	n	=	2	root	=	2.44913762518042e+01
se	=	1.	a	=	0.3	l	=	15	n	=	3	root	=	2.6627432183459e+01
se	=	1.	a	=	0.3	l	=	15	n	=	4	root	=	3.2344432321878e+01
se	=	1.	a	=	0.3	l	=	15	n	=	5	root	=	3.5871541084065e+01
se	=	1.	a	=	0.3	l	=	15	n	=	6	root	=	3.9322608401133e+01
se	=	1.	a	=	0.3	l	=	15	n	=	7	root	=	4.2730725348440e+01
se	=	1.	a	=	0.3	l	=	15	n	=	8	root	=	4.6136908499534e+01
se	=	1.	a	=	0.3	l	=	15	n	=	9	root	=	4.9593999650460e+01
se	=	1.	a	=	0.3	l	=	15	n	=	10	root	=	5.3147814263411e+01
se	=	1.	a	=	0.3	l	=	15	n	=	11	root	=	5.6816357959230e+01
se	=	1.	a	=	0.3	l	=	15	n	=	12	root	=	6.0601770696004e+01
se	=	1.	a	=	0.3	l	=	15	n	=	13	root	=	6.4483484187915e+01
se	=	1.	a	=	0.3	l	=	15	n	=	14	root	=	6.8447293479557e+01
se	=	1.	a	=	0.3	l	=	15	n	=	15	root	=	7.2478863329861e+01
se	=	1.	a	=	0.3	l	=	15	n	=	16	root	=	7.6626523663408e+01
se	=	1.	a	=	0.3	l	=	15	n	=	17	root	=	8.0708194250256e+01
se	=	1.	a	=	0.3	l	=	15	n	=	18	root	=	8.4874285817378e+01
se	=	1.	a	=	0.3	l	=	15	n	=	19	root	=	8.9080837505933e+01
se	=	1.	a	=	0.3	l	=	15	n	=	20	root	=	9.3315658488931e+01
se	=	1.	a	=	0.3	l	=	15	n	=	21	root	=	9.7574748534855e+01
se	=	1.	a	=	0.3	l	=	15	n	=	22	root	=	1.0189483061107e+02
se	=	1.	a	=	0.3	l	=	15	n	=	23	root	=	1.0615318449369e+02
se	=	1.	a	=	0.3	l	=	15	n	=	24	root	=	1.1046753478658e+02
se	=	1.	a	=	0.3	l	=	15	n	=	25	root	=	1.1479590494810e+02
se	=	1.	a	=	0.3	l	=	15	n	=	26	root	=	1.1913684807334e+02
se	=	1.	a	=	0.3	l	=	15	n	=	27	root	=	1.2348879811729e+02
se	=	1.	a	=	0.3	l	=	15	n	=	28	root	=	1.2785062410013e+02
se	=	1.	a	=	0.3	l	=	15	n	=	29	root	=	1.3221298739119e+02
se	=	1.	a	=	0.3	l	=	15	n	=	30	root	=	1.3659993120362e+02

c
c
c

se	=	1.	a	=	0.4	l	=	1	n	=	1	root	=	4.8730891840423e+00
se	=	1.	a	=	0.4	l	=	1	n	=	2	root	=	9.599444944327e+00
se	=	1.	a	=	0.4	l	=	1	n	=	3	root	=	1.4624075450515e+01
se	=	1.	a	=	0.4	l	=	1	n	=	4	root	=	1.9780134880122e+01
se	=	1.	a	=	0.4	l	=	1	n	=	5	root	=	2.4986800699241e+01
se	=	1.	a	=	0.4	l	=	1	n	=	6	root	=	3.0201770553675e+01
se	=	1.	a	=	0.4	l	=	1	n	=	7	root	=	3.5422196957677e+01
se	=	1.	a	=	0.4	l	=	1	n	=	8	root	=	4.064680933605e+01
se	=	1.	a	=	0.4	l	=	1	n	=	9	root	=	4.5874524001418e+01
se	=	1.	a	=	0.4	l	=	1	n	=	10	root	=	5.110382390091e+01
se	=	1.	a	=	0.4	l	=	1	n	=	11	root	=	5.633426318935e+01
se	=	1.	a	=	0.4	l	=	1	n	=	12	root	=	6.156287755303e+01
se	=	1.	a	=	0.4	l	=	1	n	=	13	root	=	6.678868428978e+01
se	=	1.	a	=	0.4	l	=	1	n	=	14	root	=	7.2031594130451e+01
se	=	1.	a	=	0.4	l	=	1	n	=	15	root	=	7.728488259422e+01
se	=	1.	a	=	0.4	l	=	1	n	=	16	root	=	8.2498673053062e+01
se	=	1.	a	=	0.4	l	=	1	n	=	17	root	=	8.7732670411980e+01
se	=	1.	a	=	0.4	l	=	1	n	=	18	root	=	9.2986801474240e+01
se	=	1.	a	=	0.4	l	=	1	n	=	19	root	=	9.8201327408247e+01
se	=	1.	a	=	0.4	l	=	1	n	=	20	root	=	1.0343991752534e+02
se	=	1.	a	=	0.4	l	=	1	n	=	21	root	=	1.0857084725394e+02
se	=	1.	a	=	0.4	l	=	1	n	=	22	root	=	1.1380948888711e+02
se	=	1.	a	=	0.4	l	=	1	n	=	23	root	=	1.1914044922999e+02
se	=	1.	a	=	0.4	l	=	1	n	=	24	root	=	1.2437948231386e+02
se	=	1.	a	=	0.4	l	=	1	n	=	25	root	=	1.2961061380933e+02
se	=	1.	a	=	0.4	l	=	1	n	=	26	root	=	1.3484804982039e+02
se	=	1.	a	=	0.4	l	=	1	n	=	27	root	=	1.4008105684981e+02
se	=	1.	a	=	0.4	l	=	1	n	=	28	root	=	1.4531638318288e+02
se	=	1.	a	=	0.4	l	=	1	n	=	29	root	=	1.5055171838833e+02
se	=	1.	a	=	0.4	l	=	1	n	=	30	root	=	1.5578711782370e+02

c
c
c

50 *	1.	.a	=	0.4	l	=	2	n	=	1	root =	5.93497636636+3e+00
50 *	1.	.a	=	0.4	l	=	2	n	=	2	root =	1.0229946866572e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	3	root =	1.5053133181614e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	4	root =	2.0094181689325e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	5	root =	2.5221984342532e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	6	root =	3.0360223091810e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	7	root =	3.5580078206011e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	8	root =	4.0782721970870e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	9	root =	4.5933321434770e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	10	root =	5.1203227260772e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	11	root =	5.6430020089821e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	12	root =	6.1653056303723e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	13	root =	6.6878234048291e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	14	root =	7.2105064201949e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	15	root =	7.7333195705048e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	16	root =	8.2562370194247e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	17	root =	8.7792353183669e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	18	root =	9.3023119819302e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	19	root =	9.8254421977403e+01
50 *	1.	.a	=	0.4	l	=	2	n	=	20	root =	1.0346621987614e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	21	root =	1.0871843599957e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	22	root =	1.1395101077421e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	23	root =	1.1918369541672e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	24	root =	1.24417049569207e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	25	root =	1.2965043969433e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	26	root =	1.3488403744139e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	27	root =	1.4011781891657e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	28	root =	1.4535176373277e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	29	root =	1.5058569540369e+02
50 *	1.	.a	=	0.4	l	=	2	n	=	30	root =	1.5582007587390e+02

c
c
c

50 *	1.	.a	=	0.4	l	=	3	n	=	1	root =	7.0632086906919e+00
50 *	1.	.a	=	0.4	l	=	3	n	=	2	root =	1.1097778162425e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	3	root =	1.5667119670325e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	4	root =	2.0536591031085e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	5	root =	2.5536325951162e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	6	root =	3.0669894011407e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	7	root =	3.5915263652458e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	8	root =	4.0963336665392e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	9	root =	4.6171357632212e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	10	root =	5.1368239089459e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	11	root =	5.6572791019625e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	12	root =	6.1782976358150e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	13	root =	6.6997412429811e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	14	root =	7.2215132933699e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	15	root =	7.7435942778303e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	16	root =	8.2657829478767e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	17	root =	8.7881907057874e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	18	root =	9.3107379379418e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	19	root =	9.8334019468305e+01
50 *	1.	.a	=	0.4	l	=	3	n	=	20	root =	1.0356163268745e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	21	root =	1.0879008448394e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	22	root =	1.1401925221921e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	23	root =	1.1924903880735e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	24	root =	1.2447936323516e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	25	root =	1.2971015808225e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	26	root =	1.3494138885784e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	27	root =	1.4017294715392e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	28	root =	1.4540485108038e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	29	root =	1.5063704639811e+02
50 *	1.	.a	=	0.4	l	=	3	n	=	30	root =	1.558690307020e+02


```

c
c
36 * 1. a^ 0.4 i^ 6 n^ 1 root = 1.0517038883312e+01
36 * 1. a^ 0.4 i^ 6 n^ 2 root = 1.4320038209401e+01
36 * 1. a^ 0.4 i^ 6 n^ 3 root = 1.62948303094e+01
36 * 1. a^ 0.4 i^ 6 n^ 4 root = 2.2571403948005e+01
36 * 1. a^ 0.4 i^ 6 n^ 5 root = 2.7200478432501e+01
36 * 1. a^ 0.4 i^ 6 n^ 6 root = 3.20204618899e+01
36 * 1. a^ 0.4 i^ 6 n^ 7 root = 3.6954577148250e+01
36 * 1. a^ 0.4 i^ 6 n^ 8 root = 4.198177285195e+01
36 * 1. a^ 0.4 i^ 6 n^ 9 root = 4.709457481207e+01
36 * 1. a^ 0.4 i^ 6 n^ 10 root = 5.2152825943512e+01
36 * 1. a^ 0.4 i^ 6 n^ 11 root = 5.7261152011571e+01
36 * 1. a^ 0.4 i^ 6 n^ 12 root = 6.232020206759e+01
36 * 1. a^ 0.4 i^ 6 n^ 13 root = 6.733205997405e+01
36 * 1. a^ 0.4 i^ 6 n^ 14 root = 7.23072594840e+01
36 * 1. a^ 0.4 i^ 6 n^ 15 root = 7.724477591178e+01
36 * 1. a^ 0.4 i^ 6 n^ 16 root = 8.21335571624e+01
36 * 1. a^ 0.4 i^ 6 n^ 17 root = 8.69727932950e+01
36 * 1. a^ 0.4 i^ 6 n^ 18 root = 9.17628884778e+01
36 * 1. a^ 0.4 i^ 6 n^ 19 root = 9.65031216265e+01
36 * 1. a^ 0.4 i^ 6 n^ 20 root = 1.03379399594e+02
36 * 1. a^ 0.4 i^ 6 n^ 21 root = 1.0819477384233e+02
36 * 1. a^ 0.4 i^ 6 n^ 22 root = 1.143555265640e+02
36 * 1. a^ 0.4 i^ 6 n^ 23 root = 1.195726305750e+02
36 * 1. a^ 0.4 i^ 6 n^ 24 root = 1.247503225007e+02
36 * 1. a^ 0.4 i^ 6 n^ 25 root = 1.300094025772e+02
36 * 1. a^ 0.4 i^ 6 n^ 26 root = 1.352772296983e+02
36 * 1. a^ 0.4 i^ 6 n^ 27 root = 1.4044631629471e+02
36 * 1. a^ 0.4 i^ 6 n^ 28 root = 1.4557004512575e+02
36 * 1. a^ 0.4 i^ 6 n^ 29 root = 1.5065275005041e+02
36 * 1. a^ 0.4 i^ 6 n^ 30 root = 1.5511845718104e+02

```

```

c
c
36 * 1. a^ 0.4 i^ 7 n^ 1 root = 1.1659822333959e+01
36 * 1. a^ 0.4 i^ 7 n^ 2 root = 1.5947452948355e+01
36 * 1. a^ 0.4 i^ 7 n^ 3 root = 1.9300018782252e+01
36 * 1. a^ 0.4 i^ 7 n^ 4 root = 2.34620329432e+01
36 * 1. a^ 0.4 i^ 7 n^ 5 root = 2.752215244684e+01
36 * 1. a^ 0.4 i^ 7 n^ 6 root = 3.2633042511700e+01
36 * 1. a^ 0.4 i^ 7 n^ 7 root = 3.747494123200e+01
36 * 1. a^ 0.4 i^ 7 n^ 8 root = 4.2438107171700e+01
36 * 1. a^ 0.4 i^ 7 n^ 9 root = 4.752394257935e+01
36 * 1. a^ 0.4 i^ 7 n^ 10 root = 5.214623477188e+01
36 * 1. a^ 0.4 i^ 7 n^ 11 root = 5.728722500118e+01
36 * 1. a^ 0.4 i^ 7 n^ 12 root = 6.272751725949e+01
36 * 1. a^ 0.4 i^ 7 n^ 13 root = 6.7855183047035e+01
36 * 1. a^ 0.4 i^ 7 n^ 14 root = 7.3017441187823e+01
36 * 1. a^ 0.4 i^ 7 n^ 15 root = 7.8181402303885e+01
36 * 1. a^ 0.4 i^ 7 n^ 16 root = 8.3264763327940e+01
36 * 1. a^ 0.4 i^ 7 n^ 17 root = 8.8268810437740e+01
36 * 1. a^ 0.4 i^ 7 n^ 18 root = 9.32725215853089e+01
36 * 1. a^ 0.4 i^ 7 n^ 19 root = 9.8218325771837e+01
36 * 1. a^ 0.4 i^ 7 n^ 20 root = 1.0411318429225e+02
36 * 1. a^ 0.4 i^ 7 n^ 21 root = 1.0931425404948e+02
36 * 1. a^ 0.4 i^ 7 n^ 22 root = 1.1416188113293e+02
36 * 1. a^ 0.4 i^ 7 n^ 23 root = 1.1922822948797e+02
36 * 1. a^ 0.4 i^ 7 n^ 24 root = 1.2459301308450e+02
36 * 1. a^ 0.4 i^ 7 n^ 25 root = 1.301478329458e+02
36 * 1. a^ 0.4 i^ 7 n^ 26 root = 1.3588118048250e+02
36 * 1. a^ 0.4 i^ 7 n^ 27 root = 1.407838808498e+02
36 * 1. a^ 0.4 i^ 7 n^ 28 root = 1.4573388711081e+02
36 * 1. a^ 0.4 i^ 7 n^ 29 root = 1.5110120192259e+02
36 * 1. a^ 0.4 i^ 7 n^ 30 root = 1.5625197593940e+02

```

c
c
c

58	*	1.	a	a	0.4	1	a	8	n	1	root = 1.2791477176163e+01
58	*	1.	a	a	0.4	1	a	8	n	2	root = 1.88677647279e+01
58	*	1.	a	a	0.4	1	a	8	n	3	root = 2.040807410479e+01
58	*	1.	a	a	0.4	1	a	8	n	4	root = 2.144031587933e+01
58	*	1.	a	a	0.4	1	a	8	n	5	root = 2.872830808991e+01
58	*	1.	a	a	0.4	1	a	8	n	6	root = 3.3312026861508e+01
58	*	1.	a	a	0.4	1	a	8	n	7	root = 3.87810285253e+01
58	*	1.	a	a	0.4	1	a	8	n	8	root = 4.2953616945742e+01
58	*	1.	a	a	0.4	1	a	8	n	9	root = 4.791058188194e+01
58	*	1.	a	a	0.4	1	a	8	n	10	root = 5.23521023385e+01
58	*	1.	a	a	0.4	1	a	8	n	11	root = 5.7390872930426e+01
58	*	1.	a	a	0.4	1	a	8	n	12	root = 6.3067999413989e+01
58	*	1.	a	a	0.4	1	a	8	n	13	root = 6.8178048394261e+01
58	*	1.	a	a	0.4	1	a	8	n	14	root = 7.330713765039e+01
58	*	1.	a	a	0.4	1	a	8	n	15	root = 7.845102657527e+01
58	*	1.	a	a	0.4	1	a	8	n	16	root = 8.36387145335e+01
58	*	1.	a	a	0.4	1	a	8	n	17	root = 8.872612146387e+01
58	*	1.	a	a	0.4	1	a	8	n	18	root = 9.3946399475172e+01
58	*	1.	a	a	0.4	1	a	8	n	19	root = 9.9189815746305e+01
58	*	1.	a	a	0.4	1	a	8	n	20	root = 1.0431311401177e+02
58	*	1.	a	a	0.4	1	a	8	n	21	root = 1.0950431530873e+02
58	*	1.	a	a	0.4	1	a	8	n	22	root = 1.1468273187210e+02
58	*	1.	a	a	0.4	1	a	8	n	23	root = 1.199897974714e+02
58	*	1.	a	a	0.4	1	a	8	n	24	root = 1.2510104360488e+02
58	*	1.	a	a	0.4	1	a	8	n	25	root = 1.303697737671e+02
58	*	1.	a	a	0.4	1	a	8	n	26	root = 1.355135696187e+02
58	*	1.	a	a	0.4	1	a	8	n	27	root = 1.407232365294e+02
58	*	1.	a	a	0.4	1	a	8	n	28	root = 1.4593494124235e+02
58	*	1.	a	a	0.4	1	a	8	n	29	root = 1.5114817771736e+02
58	*	1.	a	a	0.4	1	a	8	n	30	root = 1.563630680208e+02

c
c
c

58	*	1.	a	a	0.4	1	a	9	n	1	root = 1.3916072942753e+01
58	*	1.	a	a	0.4	1	a	9	n	2	root = 1.782087374025e+01
58	*	1.	a	a	0.4	1	a	9	n	3	root = 2.132747362633e+01
58	*	1.	a	a	0.4	1	a	9	n	4	root = 2.442746484325e+01
58	*	1.	a	a	0.4	1	a	9	n	5	root = 2.904936113899e+01
58	*	1.	a	a	0.4	1	a	9	n	6	root = 3.408992828380e+01
58	*	1.	a	a	0.4	1	a	9	n	7	root = 3.87273702470e+01
58	*	1.	a	a	0.4	1	a	9	n	8	root = 4.3526100956380e+01
58	*	1.	a	a	0.4	1	a	9	n	9	root = 4.8420283158787e+01
58	*	1.	a	a	0.4	1	a	9	n	10	root = 5.336302851185e+01
58	*	1.	a	a	0.4	1	a	9	n	11	root = 5.8366820183737e+01
58	*	1.	a	a	0.4	1	a	9	n	12	root = 6.344028946838e+01
58	*	1.	a	a	0.4	1	a	9	n	13	root = 6.853448799513e+01
58	*	1.	a	a	0.4	1	a	9	n	14	root = 7.3631787180223e+01
58	*	1.	a	a	0.4	1	a	9	n	15	root = 7.873346186307e+01
58	*	1.	a	a	0.4	1	a	9	n	16	root = 8.38577030784e+01
58	*	1.	a	a	0.4	1	a	9	n	17	root = 8.908125194037e+01
58	*	1.	a	a	0.4	1	a	9	n	18	root = 9.4406633120689e+01
58	*	1.	a	a	0.4	1	a	9	n	19	root = 9.98336746685e+01
58	*	1.	a	a	0.4	1	a	9	n	20	root = 1.053783746828e+02
58	*	1.	a	a	0.4	1	a	9	n	21	root = 1.09717988881e+02
58	*	1.	a	a	0.4	1	a	9	n	22	root = 1.145331688718e+02
58	*	1.	a	a	0.4	1	a	9	n	23	root = 1.2005313894828e+02
58	*	1.	a	a	0.4	1	a	9	n	24	root = 1.2526943784008e+02
58	*	1.	a	a	0.4	1	a	9	n	25	root = 1.304944058231e+02
58	*	1.	a	a	0.4	1	a	9	n	26	root = 1.3568463462435e+02
58	*	1.	a	a	0.4	1	a	9	n	27	root = 1.4086787418244e+02
58	*	1.	a	a	0.4	1	a	9	n	28	root = 1.4605688780328e+02
58	*	1.	a	a	0.4	1	a	9	n	29	root = 1.5130123874801e+02
58	*	1.	a	a	0.4	1	a	9	n	30	root = 1.565108888811e+02

```

c
c
10 ** 1. a n 0.4 i n 10 n n 1 root = 1.5032977630974+01
10 ** 1. a n 0.4 i n 10 n n 2 root = 1.9331241620044+01
10 ** 1. a n 0.4 i n 10 n n 3 root = 2.2723249333399+01
10 ** 1. a n 0.4 i n 10 n n 4 root = 2.6502360030333+01
10 ** 1. a n 0.4 i n 10 n n 5 root = 3.004744019482+01
10 ** 1. a n 0.4 i n 10 n n 6 root = 3.4681408161192+01
10 ** 1. a n 0.4 i n 10 n n 7 root = 3.913846830014+01
10 ** 1. a n 0.4 i n 10 n n 8 root = 4.415394252025+01
10 ** 1. a n 0.4 i n 10 n n 9 root = 4.89377093929+01
10 ** 1. a n 0.4 i n 10 n n 10 root = 5.388078977023+01
10 ** 1. a n 0.4 i n 10 n n 11 root = 5.885746150232+01
10 ** 1. a n 0.4 i n 10 n n 12 root = 6.386029348521+01
10 ** 1. a n 0.4 i n 10 n n 13 root = 6.891932002934+01
10 ** 1. a n 0.4 i n 10 n n 14 root = 7.39300293919+01
10 ** 1. a n 0.4 i n 10 n n 15 root = 7.908803276911+01
10 ** 1. a n 0.4 i n 10 n n 16 root = 8.4202911491899+01
10 ** 1. a n 0.4 i n 10 n n 17 root = 8.932943076925+01
10 ** 1. a n 0.4 i n 10 n n 18 root = 9.447413994949+01
10 ** 1. a n 0.4 i n 10 n n 19 root = 9.953004901612+01
10 ** 1. a n 0.4 i n 10 n n 20 root = 1.0470851994395+02
10 ** 1. a n 0.4 i n 10 n n 21 root = 1.0929499497634+02
10 ** 1. a n 0.4 i n 10 n n 22 root = 1.1512891574409+02
10 ** 1. a n 0.4 i n 10 n n 23 root = 1.2030079119930+02
10 ** 1. a n 0.4 i n 10 n n 24 root = 1.2549342939930+02
10 ** 1. a n 0.4 i n 10 n n 25 root = 1.30992309994+02
10 ** 1. a n 0.4 i n 10 n n 26 root = 1.3697461891272+02
10 ** 1. a n 0.4 i n 10 n n 27 root = 1.4107095909541+02
10 ** 1. a n 0.4 i n 10 n n 28 root = 1.4629999007999+02
10 ** 1. a n 0.4 i n 10 n n 29 root = 1.5147119399977+02
10 ** 1. a n 0.4 i n 10 n n 30 root = 1.5657500136013+02

```

```

c
c
10 ** 1. a n 0.4 i n 11 n n 1 root = 1.6144773714930+01
10 ** 1. a n 0.4 i n 11 n n 2 root = 2.0200241799933+01
10 ** 1. a n 0.4 i n 11 n n 3 root = 2.35240693999+01
10 ** 1. a n 0.4 i n 11 n n 4 root = 2.752737039295+01
10 ** 1. a n 0.4 i n 11 n n 5 root = 3.194923230710+01
10 ** 1. a n 0.4 i n 11 n n 6 root = 3.573036364639+01
10 ** 1. a n 0.4 i n 11 n n 7 root = 4.020739240990+01
10 ** 1. a n 0.4 i n 11 n n 8 root = 4.463016991945+01
10 ** 1. a n 0.4 i n 11 n n 9 root = 4.93337763343+01
10 ** 1. a n 0.4 i n 11 n n 10 root = 5.443875070794+01
10 ** 1. a n 0.4 i n 11 n n 11 root = 5.939990199734+01
10 ** 1. a n 0.4 i n 11 n n 12 root = 6.432778219971+01
10 ** 1. a n 0.4 i n 11 n n 13 root = 6.933994749323+01
10 ** 1. a n 0.4 i n 11 n n 14 root = 7.4399301921197+01
10 ** 1. a n 0.4 i n 11 n n 15 root = 7.94776334639+01
10 ** 1. a n 0.4 i n 11 n n 16 root = 8.494280079735+01
10 ** 1. a n 0.4 i n 11 n n 17 root = 8.992919799399+01
10 ** 1. a n 0.4 i n 11 n n 18 root = 9.4779370218277+01
10 ** 1. a n 0.4 i n 11 n n 19 root = 9.991409119994+01
10 ** 1. a n 0.4 i n 11 n n 20 root = 1.0509991999219+02
10 ** 1. a n 0.4 i n 11 n n 21 root = 1.10214969794+02
10 ** 1. a n 0.4 i n 11 n n 22 root = 1.1537677081871+02
10 ** 1. a n 0.4 i n 11 n n 23 root = 1.2094957931974+02
10 ** 1. a n 0.4 i n 11 n n 24 root = 1.261201294773+02
10 ** 1. a n 0.4 i n 11 n n 25 root = 1.3099974518715+02
10 ** 1. a n 0.4 i n 11 n n 26 root = 1.360870799999+02
10 ** 1. a n 0.4 i n 11 n n 27 root = 1.412717999795+02
10 ** 1. a n 0.4 i n 11 n n 28 root = 1.4645324947332+02
10 ** 1. a n 0.4 i n 11 n n 29 root = 1.5185788294979+02
10 ** 1. a n 0.4 i n 11 n n 30 root = 1.56999994979+02

```


c
c

56 = 1. a = 0.4 | = 12 n = 1 root = 1.7250465345311e+01
56 = 1. a = 0.4 | = 12 n = 2 root = 2.1374968827326e+01
56 = 1. a = 0.4 | = 12 n = 3 root = 2.5119388999959e+01
56 = 1. a = 0.4 | = 12 n = 4 root = 2.8766211889742e+01
56 = 1. a = 0.4 | = 12 n = 5 root = 3.2604746217570e+01
56 = 1. a = 0.4 | = 12 n = 6 root = 3.6691759989500e+01
56 = 1. a = 0.4 | = 12 n = 7 root = 4.102899679925e+01
56 = 1. a = 0.4 | = 12 n = 8 root = 4.5657836277353e+01
56 = 1. a = 0.4 | = 12 n = 9 root = 5.0547632208459e+01
56 = 1. a = 0.4 | = 12 n = 10 root = 5.503326962399e+01
56 = 1. a = 0.4 | = 12 n = 11 root = 5.9891127763888e+01
56 = 1. a = 0.4 | = 12 n = 12 root = 6.482827209144e+01
56 = 1. a = 0.4 | = 12 n = 13 root = 6.979888192931e+01
56 = 1. a = 0.4 | = 12 n = 14 root = 7.4611239141323e+01
56 = 1. a = 0.4 | = 12 n = 15 root = 7.9530863196016e+01
56 = 1. a = 0.4 | = 12 n = 16 root = 8.491947969391e+01
56 = 1. a = 0.4 | = 12 n = 17 root = 9.006151943939e+01
56 = 1. a = 0.4 | = 12 n = 18 root = 9.519572049467e+01
56 = 1. a = 0.4 | = 12 n = 19 root = 1.0022750759183e+02
56 = 1. a = 0.4 | = 12 n = 20 root = 1.0535789209313e+02
56 = 1. a = 0.4 | = 12 n = 21 root = 1.1049795327616e+02
56 = 1. a = 0.4 | = 12 n = 22 root = 1.1564694717591e+02
56 = 1. a = 0.4 | = 12 n = 23 root = 1.2080347061894e+02
56 = 1. a = 0.4 | = 12 n = 24 root = 1.2596704013800e+02
56 = 1. a = 0.4 | = 12 n = 25 root = 1.311389438793e+02
56 = 1. a = 0.4 | = 12 n = 26 root = 1.3631128009052e+02
56 = 1. a = 0.4 | = 12 n = 27 root = 1.414926572653e+02
56 = 1. a = 0.4 | = 12 n = 28 root = 1.4667117125997e+02
56 = 1. a = 0.4 | = 12 n = 29 root = 1.518613868878e+02
56 = 1. a = 0.4 | = 12 n = 30 root = 1.570519276356e+02

c
c

56 = 1. a = 0.4 | = 13 n = 1 root = 1.8351265078126e+01
56 = 1. a = 0.4 | = 13 n = 2 root = 2.253720357498e+01
56 = 1. a = 0.4 | = 13 n = 3 root = 2.631615768765e+01
56 = 1. a = 0.4 | = 13 n = 4 root = 2.988838953933e+01
56 = 1. a = 0.4 | = 13 n = 5 root = 3.3702636994477e+01
56 = 1. a = 0.4 | = 13 n = 6 root = 3.767895744060e+01
56 = 1. a = 0.4 | = 13 n = 7 root = 4.190899252204e+01
56 = 1. a = 0.4 | = 13 n = 8 root = 4.635049994675e+01
56 = 1. a = 0.4 | = 13 n = 9 root = 5.0951494337179e+01
56 = 1. a = 0.4 | = 13 n = 10 root = 5.5671619427189e+01
56 = 1. a = 0.4 | = 13 n = 11 root = 6.0481657613794e+01
56 = 1. a = 0.4 | = 13 n = 12 root = 6.5361296145260e+01
56 = 1. a = 0.4 | = 13 n = 13 root = 7.029469924294e+01
56 = 1. a = 0.4 | = 13 n = 14 root = 7.5271467711506e+01
56 = 1. a = 0.4 | = 13 n = 15 root = 8.028899610022e+01
56 = 1. a = 0.4 | = 13 n = 16 root = 8.5322184669320e+01
56 = 1. a = 0.4 | = 13 n = 17 root = 9.036628233949e+01
56 = 1. a = 0.4 | = 13 n = 18 root = 9.546735711152e+01
56 = 1. a = 0.4 | = 13 n = 19 root = 1.0099610339081e+02
56 = 1. a = 0.4 | = 13 n = 20 root = 1.0267880271631e+02
56 = 1. a = 0.4 | = 13 n = 21 root = 1.1080349446945e+02
56 = 1. a = 0.4 | = 13 n = 22 root = 1.1983941888110e+02
56 = 1. a = 0.4 | = 13 n = 23 root = 1.210827900266e+02
56 = 1. a = 0.4 | = 13 n = 24 root = 1.2627948782111e+02
56 = 1. a = 0.4 | = 13 n = 25 root = 1.3138271224207e+02
56 = 1. a = 0.4 | = 13 n = 26 root = 1.3659741088823e+02
56 = 1. a = 0.4 | = 13 n = 27 root = 1.4172746888303e+02
56 = 1. a = 0.4 | = 13 n = 28 root = 1.469029942932e+02
56 = 1. a = 0.4 | = 13 n = 29 root = 1.5208198900167e+02
56 = 1. a = 0.4 | = 13 n = 30 root = 1.5726494588856e+02

```

c
c
c
** * 1. a = 0.4 1 = 14 n = 1 root = 1.9447704310950e+01
** * 1. a = 0.4 1 = 14 n = 2 root = 2.3693361662573e+01
** * 1. a = 0.4 1 = 14 n = 3 root = 2.7505961381923e+01
** * 1. a = 0.4 1 = 14 n = 4 root = 3.1104252610763e+01
** * 1. a = 0.4 1 = 14 n = 5 root = 3.464383024753e+01
** * 1. a = 0.4 1 = 14 n = 6 root = 3.8714056093191e+01
** * 1. a = 0.4 1 = 14 n = 7 root = 4.2635756004405e+01
** * 1. a = 0.4 1 = 14 n = 8 root = 4.710030045265e+01
** * 1. a = 0.4 1 = 14 n = 9 root = 5.1700434592465e+01
** * 1. a = 0.4 1 = 14 n = 10 root = 5.636194632573e+01
** * 1. a = 0.4 1 = 14 n = 11 root = 6.110407572342e+01
** * 1. a = 0.4 1 = 14 n = 12 root = 6.59339570549e+01
** * 1. a = 0.4 1 = 14 n = 13 root = 7.092469504961e+01
** * 1. a = 0.4 1 = 14 n = 14 root = 7.576736534949e+01
** * 1. a = 0.4 1 = 14 n = 15 root = 8.074315492527e+01
** * 1. a = 0.4 1 = 14 n = 16 root = 8.575405269323e+01
** * 1. a = 0.4 1 = 14 n = 17 root = 9.079194336235e+01
** * 1. a = 0.4 1 = 14 n = 18 root = 9.596123633693e+01
** * 1. a = 0.4 1 = 14 n = 19 root = 1.0095957299917e+02
** * 1. a = 0.4 1 = 14 n = 20 root = 1.0632405031715e+02
** * 1. a = 0.4 1 = 14 n = 21 root = 1.1132066632e+02
** * 1. a = 0.4 1 = 14 n = 22 root = 1.162519223731e+02
** * 1. a = 0.4 1 = 14 n = 23 root = 1.213620669615e+02
** * 1. a = 0.4 1 = 14 n = 24 root = 1.2652115246317e+02
** * 1. a = 0.4 1 = 14 n = 25 root = 1.3166812579115e+02
** * 1. a = 0.4 1 = 14 n = 26 root = 1.3692206912775e+02
** * 1. a = 0.4 1 = 14 n = 27 root = 1.4193220981165e+02
** * 1. a = 0.4 1 = 14 n = 28 root = 1.471476509794e+02
** * 1. a = 0.4 1 = 14 n = 29 root = 1.5231844249693e+02
** * 1. a = 0.4 1 = 14 n = 30 root = 1.5749347536938e+02

```

```

c
c
c
** * 1. a = 0.4 1 = 15 n = 1 root = 2.094223224961e+01
** * 1. a = 0.4 1 = 15 n = 2 root = 2.46436221660e+01
** * 1. a = 0.4 1 = 15 n = 3 root = 2.8699397625621e+01
** * 1. a = 0.4 1 = 15 n = 4 root = 3.237306769711e+01
** * 1. a = 0.4 1 = 15 n = 5 root = 3.6010443538012e+01
** * 1. a = 0.4 1 = 15 n = 6 root = 3.9793116329441e+01
** * 1. a = 0.4 1 = 15 n = 7 root = 4.3810123105725e+01
** * 1. a = 0.4 1 = 15 n = 8 root = 4.805762774352e+01
** * 1. a = 0.4 1 = 15 n = 9 root = 5.2493246801997e+01
** * 1. a = 0.4 1 = 15 n = 10 root = 5.707946030126e+01
** * 1. a = 0.4 1 = 15 n = 11 root = 6.176769440269e+01
** * 1. a = 0.4 1 = 15 n = 12 root = 6.694294272261e+01
** * 1. a = 0.4 1 = 15 n = 13 root = 7.189901133953e+01
** * 1. a = 0.4 1 = 15 n = 14 root = 7.632650190765e+01
** * 1. a = 0.4 1 = 15 n = 15 root = 8.1234069823682e+01
** * 1. a = 0.4 1 = 15 n = 16 root = 8.6214767810175e+01
** * 1. a = 0.4 1 = 15 n = 17 root = 9.12594984765e+01
** * 1. a = 0.4 1 = 15 n = 18 root = 9.625117923777e+01
** * 1. a = 0.4 1 = 15 n = 19 root = 1.0131800193438e+02
** * 1. a = 0.4 1 = 15 n = 20 root = 1.0632262532e+02
** * 1. a = 0.4 1 = 15 n = 21 root = 1.114533477775e+02
** * 1. a = 0.4 1 = 15 n = 22 root = 1.1662710897935e+02
** * 1. a = 0.4 1 = 15 n = 23 root = 1.217622714907e+02
** * 1. a = 0.4 1 = 15 n = 24 root = 1.269591037447e+02
** * 1. a = 0.4 1 = 15 n = 25 root = 1.3193268877244e+02
** * 1. a = 0.4 1 = 15 n = 26 root = 1.37110516938979e+02
** * 1. a = 0.4 1 = 15 n = 27 root = 1.425946333765e+02
** * 1. a = 0.4 1 = 15 n = 28 root = 1.4741047311612e+02
** * 1. a = 0.4 1 = 15 n = 29 root = 1.5257188419761e+02
** * 1. a = 0.4 1 = 15 n = 30 root = 1.5773694954677e+02

```

```

c
c
c
** * 1. a = 0.5 | n = 1 n = 1 root = 5.3937313679530e+00
** * 1. a = 0.5 | n = 1 n = 2 root = 1.1244269466778e+01
** * 1. a = 0.5 | n = 1 n = 3 root = 1.7422011376168e+01
** * 1. a = 0.5 | n = 1 n = 4 root = 2.3061606516967e+01
** * 1. a = 0.5 | n = 1 n = 5 root = 2.932132692387e+01
** * 1. a = 0.5 | n = 1 n = 6 root = 3.518922930335e+01
** * 1. a = 0.5 | n = 1 n = 7 root = 4.2463184811365e+01
** * 1. a = 0.5 | n = 1 n = 8 root = 4.9779186260053e+01
** * 1. a = 0.5 | n = 1 n = 9 root = 5.591630462591e+01
** * 1. a = 0.5 | n = 1 n = 10 root = 6.1259963777172e+01
** * 1. a = 0.5 | n = 1 n = 11 root = 6.579627112626e+01
** * 1. a = 0.5 | n = 1 n = 12 root = 7.3976001811517e+01
** * 1. a = 0.5 | n = 1 n = 13 root = 8.013993771849e+01
** * 1. a = 0.5 | n = 1 n = 14 root = 8.8418030093959e+01
** * 1. a = 0.5 | n = 1 n = 15 root = 9.269950395795e+01
** * 1. a = 0.5 | n = 1 n = 16 root = 9.6961120257939e+01
** * 1. a = 0.5 | n = 1 n = 17 root = 1.0526308962211e+02
** * 1. a = 0.5 | n = 1 n = 18 root = 1.1194512029660e+02
** * 1. a = 0.5 | n = 1 n = 19 root = 1.1767769169630e+02
** * 1. a = 0.5 | n = 1 n = 20 root = 1.241099491209e+02
** * 1. a = 0.5 | n = 1 n = 21 root = 1.3039190914125e+02
** * 1. a = 0.5 | n = 1 n = 22 root = 1.366749496195e+02
** * 1. a = 0.5 | n = 1 n = 23 root = 1.429596513094e+02
** * 1. a = 0.5 | n = 1 n = 24 root = 1.492391432679e+02
** * 1. a = 0.5 | n = 1 n = 25 root = 1.55522030034e+02
** * 1. a = 0.5 | n = 1 n = 26 root = 1.6181469346981e+02
** * 1. a = 0.5 | n = 1 n = 27 root = 1.6808739107761e+02
** * 1. a = 0.5 | n = 1 n = 28 root = 1.7437012736126e+02
** * 1. a = 0.5 | n = 1 n = 29 root = 1.806632655005e+02
** * 1. a = 0.5 | n = 1 n = 30 root = 1.869569242118e+02

c
c
c
** * 1. a = 0.5 | n = 2 n = 1 root = 6.2949386733386e+00
** * 1. a = 0.5 | n = 2 n = 2 root = 1.1706381206231e+01
** * 1. a = 0.5 | n = 2 n = 3 root = 1.70219389308e+01
** * 1. a = 0.5 | n = 2 n = 4 root = 2.302994696926e+01
** * 1. a = 0.5 | n = 2 n = 5 root = 3.007932191577e+01
** * 1. a = 0.5 | n = 2 n = 6 root = 3.631273394130e+01
** * 1. a = 0.5 | n = 2 n = 7 root = 4.296631797526e+01
** * 1. a = 0.5 | n = 2 n = 8 root = 4.9929041291209e+01
** * 1. a = 0.5 | n = 2 n = 9 root = 5.509492670515e+01
** * 1. a = 0.5 | n = 2 n = 10 root = 6.136941194298e+01
** * 1. a = 0.5 | n = 2 n = 11 root = 6.76394950033e+01
** * 1. a = 0.5 | n = 2 n = 12 root = 7.3913115243738e+01
** * 1. a = 0.5 | n = 2 n = 13 root = 8.018260763500e+01
** * 1. a = 0.5 | n = 2 n = 14 root = 8.646947315787e+01
** * 1. a = 0.5 | n = 2 n = 15 root = 9.274427348133e+01
** * 1. a = 0.5 | n = 2 n = 16 root = 9.89225235363e+01
** * 1. a = 0.5 | n = 2 n = 17 root = 1.0520253799292e+02
** * 1. a = 0.5 | n = 2 n = 18 root = 1.11582732677e+02
** * 1. a = 0.5 | n = 2 n = 19 root = 1.179629262762e+02
** * 1. a = 0.5 | n = 2 n = 20 root = 1.241428296607e+02
** * 1. a = 0.5 | n = 2 n = 21 root = 1.3042353161272e+02
** * 1. a = 0.5 | n = 2 n = 22 root = 1.367044737366e+02
** * 1. a = 0.5 | n = 2 n = 23 root = 1.4298551829168e+02
** * 1. a = 0.5 | n = 2 n = 24 root = 1.4926693907776e+02
** * 1. a = 0.5 | n = 2 n = 25 root = 1.555484142294e+02
** * 1. a = 0.5 | n = 2 n = 26 root = 1.6183002653169e+02
** * 1. a = 0.5 | n = 2 n = 27 root = 1.681117861629e+02
** * 1. a = 0.5 | n = 2 n = 28 root = 1.743936030495e+02
** * 1. a = 0.5 | n = 2 n = 29 root = 1.80675229295e+02
** * 1. a = 0.5 | n = 2 n = 30 root = 1.8695794971049e+02

```


chars: 0

pages: 24

sectors: 1

lines: 371

vectors: 4

points: 0

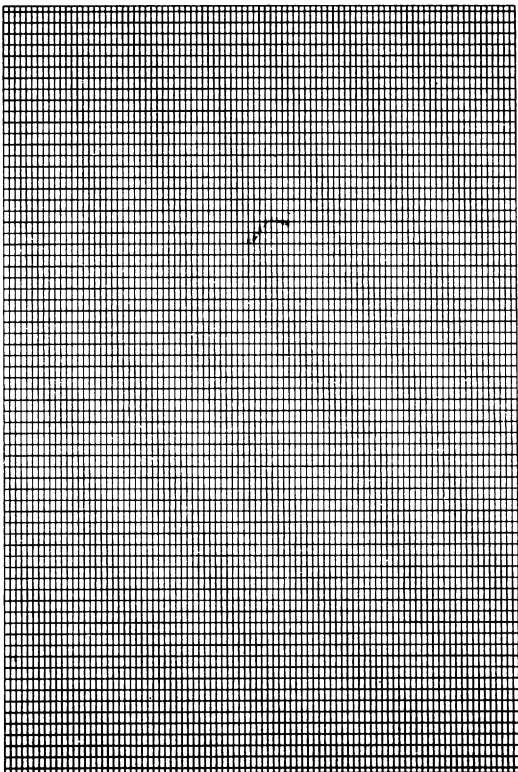
macro names: 0

macro words: 0

•••

vl.	16000					
te.						
ze.	1350000					
rr.	keep.					
se.	.12	.12	.01	.01		
sp.	69	90	.94	.21	.21	.09

99 \$rcomp: 09/06/77 00:30:51 \$-falt: 09/06/77 00:36:50\$-\$-



```
• 22 0
  89 90 .94 .25 .15 .04 .08
#####source sink rows cols case
bob3 fob3 89 90 1
machine-date-time formatted
r 09/02/77 12:18
```

```
onfile-flag\page-name\line-count
none\0\0
```

```
page-name\first-line-number\head-count\foot-count\last-line-number
```

```
38\1\0\3\89 39\1\0\3\139 40\1\1\0\3\209 41\2\1\0\3\279 42\2\0\1\3\349 43\3\0\1\0\3\419 44\4\2\1\0\3\489
45\5\0\1\0\3\559 46\5\0\1\0\3\629 47\6\3\1\0\3\699 48\7\0\1\0\3\769 49\7\7\1\0\3\839 50\8\4\1\0\3\909 51\9\1\0\3\979
52\9\0\1\0\3\1049 53\1\0\5\1\0\3\1119 54\1\1\2\1\0\3\1189 55\1\1\9\1\0\3\1259 56\1\2\6\1\0\3\1329 57\1\3\3\1\0\3\1399
58\1\4\0\1\0\3\1469 59\1\4\7\1\0\3\1539 60\1\5\4\1\0\3\1609 61\1\6\1\1\0\3\1679 62\1\8\0\1\0\3\1749 63\1\7\5\1\0\3\1819
64\1\8\0\1\0\3\1889 65\1\8\0\1\0\3\1959 66\1\9\0\1\0\3\2029 67\2\0\5\1\0\3\2099 68\2\1\0\1\0\3\2169 69\2\1\7\1\0\3\2239
70\2\0\1\0\3\2309 71\2\3\1\0\3\2379 72\2\3\0\1\0\3\2449 73\2\4\0\1\0\3\2519 74\2\5\1\0\3\2589 75\2\5\0\1\0\3\2659
76\2\6\1\0\3\2729 77\2\7\3\1\0\3\2799 78\2\8\0\1\0\3\2869 79\2\8\7\1\0\3\2939 80\2\9\1\0\3\3009 81\3\0\1\1\0\3\3079
82\3\0\0\1\0\3\3149 83\3\1\5\1\0\3\3219 84\3\2\2\1\0\3\3289 85\3\2\5\1\0\3\3359 86\3\3\0\1\0\3\3429 87\3\4\1\0\3\3499
88\3\3\0\1\0\3\3569 89\3\3\7\1\0\3\3639 90\3\4\1\0\3\3709 91\3\7\1\0\3\3779 92\3\8\0\1\0\3\3849 93\3\8\0\1\0\3\3919
94\3\8\1\0\3\3989 95\3\9\0\1\0\3\4059 96\4\0\0\1\0\3\4129 97\4\1\3\1\0\3\4199 98\4\2\0\1\0\3\4269 99\4\2\7\1\0\3\4339
100\4\3\1\0\3\4409 101\4\4\1\1\0\3\4479 102\4\4\0\1\0\3\4549 103\4\5\1\0\3\4619 104\4\6\2\1\0\3\4689 105\4\6\0\1\0\3\4759
106\4\7\0\1\0\3\4829 107\4\8\3\1\0\3\4899 108\4\9\0\1\0\3\4969 109\4\9\7\1\0\3\5039 110\5\0\4\1\0\3\5109 111\5\1\1\1\0\3\5179
```

c
c
c

50 * 1. a * 0.5 1 * 3 n * 1 root = 7.3031410039397e+00
50 * 1. a * 0.5 1 * 3 n * 2 root = 1.233908459459e+01
50 * 1. a * 0.5 1 * 3 n * 3 root = 1.610699127343e+01
50 * 1. a * 0.5 1 * 3 n * 4 root = 2.19236991190e+01
50 * 1. a * 0.5 1 * 3 n * 5 root = 3.0298276193e+01
50 * 1. a * 0.5 1 * 3 n * 6 root = 3.94999195e+01
50 * 1. a * 0.5 1 * 3 n * 7 root = 4.97079353711e+01
50 * 1. a * 0.5 1 * 3 n * 8 root = 4.89909462e+01
50 * 1. a * 0.5 1 * 3 n * 9 root = 5.521177498069e+01
50 * 1. a * 0.5 1 * 3 n * 10 root = 5.146269469435e+01
50 * 1. a * 0.5 1 * 3 n * 11 root = 6.773231432697e+01
50 * 1. a * 0.5 1 * 3 n * 12 root = 7.39969706209e+01
50 * 1. a * 0.5 1 * 3 n * 13 root = 8.025762760949e+01
50 * 1. a * 0.5 1 * 3 n * 14 root = 8.65390951869e+01
50 * 1. a * 0.5 1 * 3 n * 15 root = 9.281202122095e+01
50 * 1. a * 0.5 1 * 3 n * 16 root = 9.9086309295313e+01
50 * 1. a * 0.5 1 * 3 n * 17 root = 1.05361698969e+02
50 * 1. a * 0.5 1 * 3 n * 18 root = 1.1163797996143e+02
50 * 1. a * 0.5 1 * 3 n * 19 root = 1.1791502997321e+02
50 * 1. a * 0.5 1 * 3 n * 20 root = 1.241827178249e+02
50 * 1. a * 0.5 1 * 3 n * 21 root = 1.3047095148999e+02
50 * 1. a * 0.5 1 * 3 n * 22 root = 1.367499299251e+02
50 * 1. a * 0.5 1 * 3 n * 23 root = 1.430279941115e+02
50 * 1. a * 0.5 1 * 3 n * 24 root = 1.493042152947e+02
50 * 1. a * 0.5 1 * 3 n * 25 root = 1.555799257820e+02
50 * 1. a * 0.5 1 * 3 n * 26 root = 1.61856202911e+02
50 * 1. a * 0.5 1 * 3 n * 27 root = 1.681429992326e+02
50 * 1. a * 0.5 1 * 3 n * 28 root = 1.7442879186961e+02
50 * 1. a * 0.5 1 * 3 n * 29 root = 1.8070947574953e+02
50 * 1. a * 0.5 1 * 3 n * 30 root = 1.869903512929e+02

c
c
c

50 * 1. a * 0.5 1 * 4 n * 1 root = 8.3575917099983e+00
50 * 1. a * 0.5 1 * 4 n * 2 root = 1.3101560069003e+01
50 * 1. a * 0.5 1 * 4 n * 3 root = 1.628292271495e+01
50 * 1. a * 0.5 1 * 4 n * 4 root = 2.4531047038718e+01
50 * 1. a * 0.5 1 * 4 n * 5 root = 3.09524929667e+01
50 * 1. a * 0.5 1 * 4 n * 6 root = 3.673939791765e+01
50 * 1. a * 0.5 1 * 4 n * 7 root = 4.2924879404209e+01
50 * 1. a * 0.5 1 * 4 n * 8 root = 4.9137536999996e+01
50 * 1. a * 0.5 1 * 4 n * 9 root = 5.535708438119e+01
50 * 1. a * 0.5 1 * 4 n * 10 root = 6.160819389502e+01
50 * 1. a * 0.5 1 * 4 n * 11 root = 6.787390702399e+01
50 * 1. a * 0.5 1 * 4 n * 12 root = 7.41429429096e+01
50 * 1. a * 0.5 1 * 4 n * 13 root = 8.0379499941269e+01
50 * 1. a * 0.5 1 * 4 n * 14 root = 8.65990342999e+01
50 * 1. a * 0.5 1 * 4 n * 15 root = 9.2901939271803e+01
50 * 1. a * 0.5 1 * 4 n * 16 root = 9.91703926999e+01
50 * 1. a * 0.5 1 * 4 n * 17 root = 1.094005024633e+02
50 * 1. a * 0.5 1 * 4 n * 18 root = 1.1171221299490e+02
50 * 1. a * 0.5 1 * 4 n * 19 root = 1.179501807499e+02
50 * 1. a * 0.5 1 * 4 n * 20 root = 1.2429391319527e+02
50 * 1. a * 0.5 1 * 4 n * 21 root = 1.3053415195371e+02
50 * 1. a * 0.5 1 * 4 n * 22 root = 1.3699999801799e+02
50 * 1. a * 0.5 1 * 4 n * 23 root = 1.430829292999e+02
50 * 1. a * 0.5 1 * 4 n * 24 root = 1.49393299994e+02
50 * 1. a * 0.5 1 * 4 n * 25 root = 1.559407299994e+02
50 * 1. a * 0.5 1 * 4 n * 26 root = 1.61918997994e+02
50 * 1. a * 0.5 1 * 4 n * 27 root = 1.6819701069907e+02
50 * 1. a * 0.5 1 * 4 n * 28 root = 1.7447571020432e+02
50 * 1. a * 0.5 1 * 4 n * 29 root = 1.80794799929e+02
50 * 1. a * 0.5 1 * 4 n * 30 root = 1.87074031959107e+02

c
c

98 " 1. a " 0.5 | a " 5 n " 1 root = 9.4625913320249e+00
98 " 1. a " 0.5 | a " 5 n " 2 root = 1.3967277363703e+01
98 " 1. a " 0.5 | a " 5 n " 3 root = 1.3845820091303e+01
98 " 1. a " 0.5 | a " 5 n " 4 root = 2.4926439115178e+01
98 " 1. a " 0.5 | a " 5 n " 5 root = 3.0981141982036e+01
98 " 1. a " 0.5 | a " 5 n " 6 root = 3.7036991942742e+01
98 " 1. a " 0.5 | a " 5 n " 7 root = 4.3178772375948e+01
98 " 1. a " 0.5 | a " 5 n " 8 root = 4.9357210420122e+01
98 " 1. a " 0.5 | a " 5 n " 9 root = 5.5590523637120e+01
98 " 1. a " 0.5 | a " 5 n " 10 root = 6.1786626200939e+01
98 " 1. a " 0.5 | a " 5 n " 11 root = 6.8013363376598e+01
98 " 1. a " 0.5 | a " 5 n " 12 root = 7.4294912339733e+01
98 " 1. a " 0.5 | a " 5 n " 13 root = 8.0530947812780e+01
98 " 1. a " 0.5 | a " 5 n " 14 root = 8.672694911467e+01
98 " 1. a " 0.5 | a " 5 n " 15 root = 9.301420340822e+01
98 " 1. a " 0.5 | a " 5 n " 16 root = 9.927500491558e+01
98 " 1. a " 0.5 | a " 5 n " 17 root = 1.023394313801e+02
98 " 1. a " 0.5 | a " 5 n " 18 root = 1.1180493500013e+02
98 " 1. a " 0.5 | a " 5 n " 19 root = 1.1807881308210e+02
98 " 1. a " 0.5 | a " 5 n " 20 root = 1.24342357036e+02
98 " 1. a " 0.5 | a " 5 n " 21 root = 1.3051311108741e+02
98 " 1. a " 0.5 | a " 5 n " 22 root = 1.3669510367873e+02
98 " 1. a " 0.5 | a " 5 n " 23 root = 1.431901043235e+02
98 " 1. a " 0.5 | a " 5 n " 24 root = 1.494319828779e+02
98 " 1. a " 0.5 | a " 5 n " 25 root = 1.5570863094910e+02
98 " 1. a " 0.5 | a " 5 n " 26 root = 1.619159815333e+02
98 " 1. a " 0.5 | a " 5 n " 27 root = 1.6825788185337e+02
98 " 1. a " 0.5 | a " 5 n " 28 root = 1.7453439158800e+02
98 " 1. a " 0.5 | a " 5 n " 29 root = 1.8081127828887e+02
98 " 1. a " 0.5 | a " 5 n " 30 root = 1.8708838378295e+02

c
c

98 " 1. a " 0.5 | a " 6 n " 1 root = 1.0572233327687e+01
98 " 1. a " 0.5 | a " 6 n " 2 root = 1.4912239402653e+01
98 " 1. a " 0.5 | a " 6 n " 3 root = 1.9526873106770e+01
98 " 1. a " 0.5 | a " 6 n " 4 root = 2.5537740307654e+01
98 " 1. a " 0.5 | a " 6 n " 5 root = 3.138295202280e+01
98 " 1. a " 0.5 | a " 6 n " 6 root = 3.7394919300030e+01
98 " 1. a " 0.5 | a " 6 n " 7 root = 4.348111787363e+01
98 " 1. a " 0.5 | a " 6 n " 8 root = 4.961933386164e+01
98 " 1. a " 0.5 | a " 6 n " 9 root = 5.579165668604e+01
98 " 1. a " 0.5 | a " 6 n " 10 root = 6.1874917638481e+01
98 " 1. a " 0.5 | a " 6 n " 11 root = 6.8200034889172e+01
98 " 1. a " 0.5 | a " 6 n " 12 root = 7.442503974829e+01
98 " 1. a " 0.5 | a " 6 n " 13 root = 8.055946230562e+01
98 " 1. a " 0.5 | a " 6 n " 14 root = 8.690120695229e+01
98 " 1. a " 0.5 | a " 6 n " 15 root = 9.3146793722026e+01
98 " 1. a " 0.5 | a " 6 n " 16 root = 9.940094633948e+01
98 " 1. a " 0.5 | a " 6 n " 17 root = 1.0556694831444e+02
98 " 1. a " 0.5 | a " 6 n " 18 root = 1.1191810191413e+02
98 " 1. a " 0.5 | a " 6 n " 19 root = 1.181788791781e+02
98 " 1. a " 0.5 | a " 6 n " 20 root = 1.244418576381e+02
98 " 1. a " 0.5 | a " 6 n " 21 root = 1.307078013093e+02
98 " 1. a " 0.5 | a " 6 n " 22 root = 1.369733297002e+02
98 " 1. a " 0.5 | a " 6 n " 23 root = 1.4324278269438e+02
98 " 1. a " 0.5 | a " 6 n " 24 root = 1.495144389769e+02
98 " 1. a " 0.5 | a " 6 n " 25 root = 1.5578989199716e+02
98 " 1. a " 0.5 | a " 6 n " 26 root = 1.620687113280e+02
98 " 1. a " 0.5 | a " 6 n " 27 root = 1.6833068894831e+02
98 " 1. a " 0.5 | a " 6 n " 28 root = 1.7460487902398e+02
98 " 1. a " 0.5 | a " 6 n " 29 root = 1.8087911782081e+02
98 " 1. a " 0.5 | a " 6 n " 30 root = 1.8715419383788e+02

c
c
c

58 = 1. a = 0.5 | = 7 n = 1 root = 1.1600501922167e+01
58 = 1. a = 0.5 | = 7 n = 2 root = 1.591637701822e+01
58 = 1. a = 0.5 | = 7 n = 3 root = 2.0746690702305e+01
58 = 1. a = 0.5 | = 7 n = 4 root = 2.6192217927403e+01
58 = 1. a = 0.5 | = 7 n = 5 root = 3.185753238919e+01
58 = 1. a = 0.5 | = 7 n = 6 root = 3.7809491765157e+01
58 = 1. a = 0.5 | = 7 n = 7 root = 4.3930744533636e+01
58 = 1. a = 0.5 | = 7 n = 8 root = 4.992319462200e+01
58 = 1. a = 0.5 | = 7 n = 9 root = 5.605939422940e+01
58 = 1. a = 0.5 | = 7 n = 10 root = 6.227502939999e+01
58 = 1. a = 0.5 | = 7 n = 11 root = 6.841712232394e+01
58 = 1. a = 0.5 | = 7 n = 12 root = 7.4623114447901e+01
58 = 1. a = 0.5 | = 7 n = 13 root = 8.0841550184295e+01
58 = 1. a = 0.5 | = 7 n = 14 root = 8.7059367657130e+01
58 = 1. a = 0.5 | = 7 n = 15 root = 9.332949944633e+01
58 = 1. a = 0.5 | = 7 n = 16 root = 9.9547431667245e+01
58 = 1. a = 0.5 | = 7 n = 17 root = 1.0579442666572e+02
58 = 1. a = 0.5 | = 7 n = 18 root = 1.120482653744e+02
58 = 1. a = 0.5 | = 7 n = 19 root = 1.1830036000038e+02
58 = 1. a = 0.5 | = 7 n = 20 root = 1.24598019e+02
58 = 1. a = 0.5 | = 7 n = 21 root = 1.3091816573307e+02
58 = 1. a = 0.5 | = 7 n = 22 root = 1.3706262666744e+02
58 = 1. a = 0.5 | = 7 n = 23 root = 1.4334474087034e+02
58 = 1. a = 0.5 | = 7 n = 24 root = 1.495162544424e+02
58 = 1. a = 0.5 | = 7 n = 25 root = 1.5567706070367e+02
58 = 1. a = 0.5 | = 7 n = 26 root = 1.6214636981177e+02
58 = 1. a = 0.5 | = 7 n = 27 root = 1.6841605008704e+02
58 = 1. a = 0.5 | = 7 n = 28 root = 1.746362377624e+02
58 = 1. a = 0.5 | = 7 n = 29 root = 1.8095623318946e+02
58 = 1. a = 0.5 | = 7 n = 30 root = 1.8723056948075e+02

c
c
c

58 = 1. a = 0.5 | = 8 n = 1 root = 1.2006957125195e+01
58 = 1. a = 0.5 | = 8 n = 2 root = 1.6970662281910e+01
58 = 1. a = 0.5 | = 8 n = 3 root = 2.160270269511e+01
58 = 1. a = 0.5 | = 8 n = 4 root = 2.6533303512599e+01
58 = 1. a = 0.5 | = 8 n = 5 root = 3.2411562301747e+01
58 = 1. a = 0.5 | = 8 n = 6 root = 3.826834632275e+01
58 = 1. a = 0.5 | = 8 n = 7 root = 4.420411923420e+01
58 = 1. a = 0.5 | = 8 n = 8 root = 5.0257630166251e+01
58 = 1. a = 0.5 | = 8 n = 9 root = 5.6394872930771e+01
58 = 1. a = 0.5 | = 8 n = 10 root = 6.250036083949e+01
58 = 1. a = 0.5 | = 8 n = 11 root = 6.85943362216e+01
58 = 1. a = 0.5 | = 8 n = 12 root = 7.4846815451745e+01
58 = 1. a = 0.5 | = 8 n = 13 root = 8.1049131532107e+01
58 = 1. a = 0.5 | = 8 n = 14 root = 8.7261787633040e+01
58 = 1. a = 0.5 | = 8 n = 15 root = 9.3494239376119e+01
58 = 1. a = 0.5 | = 8 n = 16 root = 9.9714584094001e+01
58 = 1. a = 0.5 | = 8 n = 17 root = 1.059135038297e+02
58 = 1. a = 0.5 | = 8 n = 18 root = 1.121334466334e+02
58 = 1. a = 0.5 | = 8 n = 19 root = 1.1840176816284e+02
58 = 1. a = 0.5 | = 8 n = 20 root = 1.246909320259e+02
58 = 1. a = 0.5 | = 8 n = 21 root = 1.309427255108e+02
58 = 1. a = 0.5 | = 8 n = 22 root = 1.3720065759474e+02
58 = 1. a = 0.5 | = 8 n = 23 root = 1.4349294923108e+02
58 = 1. a = 0.5 | = 8 n = 24 root = 1.4972030440474e+02
58 = 1. a = 0.5 | = 8 n = 25 root = 1.55983144591153e+02
58 = 1. a = 0.5 | = 8 n = 26 root = 1.622475134431e+02
58 = 1. a = 0.5 | = 8 n = 27 root = 1.6851331940029e+02
58 = 1. a = 0.5 | = 8 n = 28 root = 1.747833535363e+02
58 = 1. a = 0.5 | = 8 n = 29 root = 1.810481178105e+02
58 = 1. a = 0.5 | = 8 n = 30 root = 1.8731789409482e+02

c
c
c

```
58 * 1. a 0.5 1 9 n 1 root = 1.322909491153e+01
58 * 1. a 0.5 1 9 n 2 root = 1.805952627638e+01
58 * 1. a 0.5 1 9 n 3 root = 2.2518904847901e+01
58 * 1. a 0.5 1 9 n 4 root = 2.7575741844159e+01
58 * 1. a 0.5 1 9 n 5 root = 3.3051920437391e+01
58 * 1. a 0.5 1 9 n 6 root = 3.8781437109176e+01
58 * 1. a 0.5 1 9 n 7 root = 4.4835736612736e+01
58 * 1. a 0.5 1 9 n 8 root = 5.1252468775771e+01
58 * 1. a 0.5 1 9 n 9 root = 5.805792947699e+01
58 * 1. a 0.5 1 9 n 10 root = 6.520538041769e+01
58 * 1. a 0.5 1 9 n 11 root = 7.2694132938930e+01
58 * 1. a 0.5 1 9 n 12 root = 8.0510188307294e+01
58 * 1. a 0.5 1 9 n 13 root = 8.865200784990e+01
58 * 1. a 0.5 1 9 n 14 root = 9.712746326656e+01
58 * 1. a 0.5 1 9 n 15 root = 1.0599425146899e+02
58 * 1. a 0.5 1 9 n 16 root = 1.1529229706402e+02
58 * 1. a 0.5 1 9 n 17 root = 1.251278679849e+02
58 * 1. a 0.5 1 9 n 18 root = 1.355066601090e+02
58 * 1. a 0.5 1 9 n 19 root = 1.4653358126534e+02
58 * 1. a 0.5 1 9 n 20 root = 1.5820626272753e+02
58 * 1. a 0.5 1 9 n 21 root = 1.705368269909e+02
58 * 1. a 0.5 1 9 n 22 root = 1.8353842269149e+02
58 * 1. a 0.5 1 9 n 23 root = 1.9721433384370e+02
58 * 1. a 0.5 1 9 n 24 root = 2.11578105082951e+02
58 * 1. a 0.5 1 9 n 25 root = 2.26635119859730e+02
58 * 1. a 0.5 1 9 n 26 root = 2.4239026279773e+02
58 * 1. a 0.5 1 9 n 27 root = 2.588574533308e+02
58 * 1. a 0.5 1 9 n 28 root = 2.7605023771807e+02
58 * 1. a 0.5 1 9 n 29 root = 2.939841600774769e+02
```

c
c
c

```
58 * 1. a 0.5 1 10 n 1 root = 1.503594466074e+01
58 * 1. a 0.5 1 10 n 2 root = 1.9167201769590e+01
58 * 1. a 0.5 1 10 n 3 root = 2.3463260152217e+01
58 * 1. a 0.5 1 10 n 4 root = 2.837460326625e+01
58 * 1. a 0.5 1 10 n 5 root = 3.371537326192e+01
58 * 1. a 0.5 1 10 n 6 root = 3.9342706277521e+01
58 * 1. a 0.5 1 10 n 7 root = 4.5150261058117e+01
58 * 1. a 0.5 1 10 n 8 root = 5.107614941873e+01
58 * 1. a 0.5 1 10 n 9 root = 5.7081933190253e+01
58 * 1. a 0.5 1 10 n 10 root = 6.3144246900338e+01
58 * 1. a 0.5 1 10 n 11 root = 6.9324773163349e+01
58 * 1. a 0.5 1 10 n 12 root = 7.5680295669771e+01
58 * 1. a 0.5 1 10 n 13 root = 8.2269998146974e+01
58 * 1. a 0.5 1 10 n 14 root = 8.915357681735e+01
58 * 1. a 0.5 1 10 n 15 root = 9.630746225044e+01
58 * 1. a 0.5 1 10 n 16 root = 1.0371104994273e+02
58 * 1. a 0.5 1 10 n 17 root = 1.1135231590651e+02
58 * 1. a 0.5 1 10 n 18 root = 1.192400827399e+02
58 * 1. a 0.5 1 10 n 19 root = 1.273862009299e+02
58 * 1. a 0.5 1 10 n 20 root = 1.3580046200784e+02
58 * 1. a 0.5 1 10 n 21 root = 1.4448313733135e+02
58 * 1. a 0.5 1 10 n 22 root = 1.534359213620e+02
58 * 1. a 0.5 1 10 n 23 root = 1.6266833366194e+02
58 * 1. a 0.5 1 10 n 24 root = 1.7218086663724e+02
58 * 1. a 0.5 1 10 n 25 root = 1.8207329273949e+02
58 * 1. a 0.5 1 10 n 26 root = 1.92246748820674e+02
58 * 1. a 0.5 1 10 n 27 root = 2.0270411070394e+02
58 * 1. a 0.5 1 10 n 28 root = 2.134502794027634e+02
58 * 1. a 0.5 1 10 n 29 root = 2.24488308300929e+02
58 * 1. a 0.5 1 10 n 30 root = 2.3582201170588e+02
```


c
c
c

50	=	1.	a	0.5	1	11	n	1	root = 1.6147361645520e+01
50	=	1.	a	0.5	1	11	n	2	root = 2.023936231095e+01
50	=	1.	a	0.5	1	11	n	3	root = 2.446729449430e+01
50	=	1.	a	0.5	1	11	n	4	root = 2.88232493395e+01
50	=	1.	a	0.5	1	11	n	5	root = 3.442880857987e+01
50	=	1.	a	0.5	1	11	n	6	root = 3.992011948099e+01
50	=	1.	a	0.5	1	11	n	7	root = 4.5676182711385e+01
50	=	1.	a	0.5	1	11	n	8	root = 5.1527653114951e+01
50	=	1.	a	0.5	1	11	n	9	root = 5.7483333333307e+01
50	=	1.	a	0.5	1	11	n	10	root = 6.3513710537507e+01
50	=	1.	a	0.5	1	11	n	11	root = 6.9631510194874e+01
50	=	1.	a	0.5	1	11	n	12	root = 7.586993982451e+01
50	=	1.	a	0.5	1	11	n	13	root = 8.1822743507193e+01
50	=	1.	a	0.5	1	11	n	14	root = 8.7979442527674e+01
50	=	1.	a	0.5	1	11	n	15	root = 9.4151617390892e+01
50	=	1.	a	0.5	1	11	n	16	root = 1.0033693724076e+02
50	=	1.	a	0.5	1	11	n	17	root = 1.0633783440079e+02
50	=	1.	a	0.5	1	11	n	18	root = 1.1274642397729e+02
50	=	1.	a	0.5	1	11	n	19	root = 1.1896308670936e+02
50	=	1.	a	0.5	1	11	n	20	root = 1.2518823372946e+02
50	=	1.	a	0.5	1	11	n	21	root = 1.3141958623370e+02
50	=	1.	a	0.5	1	11	n	22	root = 1.3765024399125e+02
50	=	1.	a	0.5	1	11	n	23	root = 1.4388667401872e+02
50	=	1.	a	0.5	1	11	n	24	root = 1.5013180177682e+02
50	=	1.	a	0.5	1	11	n	25	root = 1.5637736880879e+02
50	=	1.	a	0.5	1	11	n	26	root = 1.6262617576111e+02
50	=	1.	a	0.5	1	11	n	27	root = 1.6887759447354e+02
50	=	1.	a	0.5	1	11	n	28	root = 1.7513133772089e+02
50	=	1.	a	0.5	1	11	n	29	root = 1.8138719576282e+02
50	=	1.	a	0.5	1	11	n	30	root = 1.8764464824982e+02

c
c
c

50	=	1.	a	0.5	1	12	n	1	root = 1.7251787609990e+01
50	=	1.	a	0.5	1	12	n	2	root = 2.1429405124667e+01
50	=	1.	a	0.5	1	12	n	3	root = 2.5945784988979e+01
50	=	1.	a	0.5	1	12	n	4	root = 3.012333783326e+01
50	=	1.	a	0.5	1	12	n	5	root = 3.5188621760350e+01
50	=	1.	a	0.5	1	12	n	6	root = 4.0601617650912e+01
50	=	1.	a	0.5	1	12	n	7	root = 4.6242494915222e+01
50	=	1.	a	0.5	1	12	n	8	root = 5.203623189914e+01
50	=	1.	a	0.5	1	12	n	9	root = 5.797293619940e+01
50	=	1.	a	0.5	1	12	n	10	root = 6.3942181977651e+01
50	=	1.	a	0.5	1	12	n	11	root = 6.9947162391638e+01
50	=	1.	a	0.5	1	12	n	12	root = 7.6022360779251e+01
50	=	1.	a	0.5	1	12	n	13	root = 8.2130121873823e+01
50	=	1.	a	0.5	1	12	n	14	root = 8.8234367311112e+01
50	=	1.	a	0.5	1	12	n	15	root = 9.4417251088077e+01
50	=	1.	a	0.5	1	12	n	16	root = 1.0098760430427e+02
50	=	1.	a	0.5	1	12	n	17	root = 1.0877156824943e+02
50	=	1.	a	0.5	1	12	n	18	root = 1.1696630297633e+02
50	=	1.	a	0.5	1	12	n	19	root = 1.1917160811896e+02
50	=	1.	a	0.5	1	12	n	20	root = 1.2538440788262e+02
50	=	1.	a	0.5	1	12	n	21	root = 1.3160408253789e+02
50	=	1.	a	0.5	1	12	n	22	root = 1.3783369944253e+02
50	=	1.	a	0.5	1	12	n	23	root = 1.4406042112511e+02
50	=	1.	a	0.5	1	12	n	24	root = 1.5029578783339e+02
50	=	1.	a	0.5	1	12	n	25	root = 1.5653794398111e+02
50	=	1.	a	0.5	1	12	n	26	root = 1.6277700917468e+02
50	=	1.	a	0.5	1	12	n	27	root = 1.6902310134026e+02
50	=	1.	a	0.5	1	12	n	28	root = 1.7527153275005e+02
50	=	1.	a	0.5	1	12	n	29	root = 1.8152241589935e+02
50	=	1.	a	0.5	1	12	n	30	root = 1.8777395919995e+02

c
c
c

```
99 n 1. a n 0.5 l n 13 n n 1 root = 1.6951931979443e+01
99 n 1. a n 0.5 l n 13 n n 2 root = 2.2970434609900e+01
99 n 1. a n 0.5 l n 13 n n 3 root = 2.6624703697112e+01
99 n 1. a n 0.5 l n 13 n n 4 root = 3.1094639997914e+01
99 n 1. a n 0.5 l n 13 n n 5 root = 3.5999746134407e+01
99 n 1. a n 0.5 l n 13 n n 6 root = 4.1299999511694e+01
99 n 1. a n 0.5 l n 13 n n 7 root = 4.6997499999992e+01
99 n 1. a n 0.5 l n 13 n n 8 root = 5.2971169999999e+01
99 n 1. a n 0.5 l n 13 n n 9 root = 5.9414977313199e+01
99 n 1. a n 0.5 l n 13 n n 10 root = 6.4346199999999e+01
99 n 1. a n 0.5 l n 13 n n 11 root = 7.0399337912170e+01
99 n 1. a n 0.5 l n 13 n n 12 root = 7.6391699999997e+01
99 n 1. a n 0.5 l n 13 n n 13 root = 8.2461809999999e+01
99 n 1. a n 0.5 l n 13 n n 14 root = 8.871297991115e+01
99 n 1. a n 0.5 l n 13 n n 15 root = 9.4704187999997e+01
99 n 1. a n 0.5 l n 13 n n 16 root = 1.00999931272916e+02
99 n 1. a n 0.5 l n 13 n n 17 root = 1.0702418210131e+02
99 n 1. a n 0.5 l n 13 n n 18 root = 1.1320514697999e+02
99 n 1. a n 0.5 l n 13 n n 19 root = 1.1939711462470e+02
99 n 1. a n 0.5 l n 13 n n 20 root = 1.2559914219799e+02
99 n 1. a n 0.5 l n 13 n n 21 root = 1.3180799999992e+02
99 n 1. a n 0.5 l n 13 n n 22 root = 1.3802399519999e+02
99 n 1. a n 0.5 l n 13 n n 23 root = 1.4424999999999e+02
99 n 1. a n 0.5 l n 13 n n 24 root = 1.5047999919499e+02
99 n 1. a n 0.5 l n 13 n n 25 root = 1.5670517929992e+02
99 n 1. a n 0.5 l n 13 n n 26 root = 1.6294999999999e+02
99 n 1. a n 0.5 l n 13 n n 27 root = 1.6919999999999e+02
99 n 1. a n 0.5 l n 13 n n 28 root = 1.7542999999999e+02
99 n 1. a n 0.5 l n 13 n n 29 root = 1.8169999999999e+02
99 n 1. a n 0.5 l n 13 n n 30 root = 1.8791999999999e+02
```

c
c
c

```
99 n 1. a n 0.5 l n 14 n n 1 root = 1.9440036799140e+01
99 n 1. a n 0.5 l n 14 n n 2 root = 2.3713193312795e+01
99 n 1. a n 0.5 l n 14 n n 3 root = 2.7726919349999e+01
99 n 1. a n 0.5 l n 14 n n 4 root = 3.2042999999999e+01
99 n 1. a n 0.5 l n 14 n n 5 root = 3.6941641289992e+01
99 n 1. a n 0.5 l n 14 n n 6 root = 4.2099149999999e+01
99 n 1. a n 0.5 l n 14 n n 7 root = 4.7403634999999e+01
99 n 1. a n 0.5 l n 14 n n 8 root = 5.3140799999997e+01
99 n 1. a n 0.5 l n 14 n n 9 root = 5.8994999999999e+01
99 n 1. a n 0.5 l n 14 n n 10 root = 6.4699999999999e+01
99 n 1. a n 0.5 l n 14 n n 11 root = 7.0999999999999e+01
99 n 1. a n 0.5 l n 14 n n 12 root = 7.6767128941999e+01
99 n 1. a n 0.5 l n 14 n n 13 root = 8.2917916199999e+01
99 n 1. a n 0.5 l n 14 n n 14 root = 8.9901499999999e+01
99 n 1. a n 0.5 l n 14 n n 15 root = 9.5012299127999e+01
99 n 1. a n 0.5 l n 14 n n 16 root = 1.0114999999999e+02
99 n 1. a n 0.5 l n 14 n n 17 root = 1.0709999999999e+02
99 n 1. a n 0.5 l n 14 n n 18 root = 1.1346124639999e+02
99 n 1. a n 0.5 l n 14 n n 19 root = 1.1999999999999e+02
99 n 1. a n 0.5 l n 14 n n 20 root = 1.2599999999999e+02
99 n 1. a n 0.5 l n 14 n n 21 root = 1.3209999999999e+02
99 n 1. a n 0.5 l n 14 n n 22 root = 1.3829999999999e+02
99 n 1. a n 0.5 l n 14 n n 23 root = 1.4449999999999e+02
99 n 1. a n 0.5 l n 14 n n 24 root = 1.5069999999999e+02
99 n 1. a n 0.5 l n 14 n n 25 root = 1.5689999999999e+02
99 n 1. a n 0.5 l n 14 n n 26 root = 1.6317999999999e+02
99 n 1. a n 0.5 l n 14 n n 27 root = 1.6939999999999e+02
99 n 1. a n 0.5 l n 14 n n 28 root = 1.7599999999999e+02
99 n 1. a n 0.5 l n 14 n n 29 root = 1.8169999999999e+02
99 n 1. a n 0.5 l n 14 n n 30 root = 1.8809999999999e+02
```

```

c
c
c
** 1. a ** 0.5 | * 15 n ** 1      root = 2.0940394328895+01
** 1. a ** 0.5 | * 15 n ** 2      root = 2.4629429479793+01
** 1. a ** 0.5 | * 15 n ** 3      root = 2.894620283918+01
** 1. a ** 0.5 | * 15 n ** 4      root = 3.306267200831+01
** 1. a ** 0.5 | * 15 n ** 5      root = 3.77277183007+01
** 1. a ** 0.5 | * 15 n ** 6      root = 4.2801594208875+01
** 1. a ** 0.5 | * 15 n ** 7      root = 4.8162837745855+01
** 1. a ** 0.5 | * 15 n ** 8      root = 5.3743143401173+01
** 1. a ** 0.5 | * 15 n ** 9      root = 5.946945120859+01
** 1. a ** 0.5 | * 15 n ** 10     root = 6.526115062700+01
** 1. a ** 0.5 | * 15 n ** 11     root = 7.1235311497442+01
** 1. a ** 0.5 | * 15 n ** 12     root = 7.717775250169+01
** 1. a ** 0.5 | * 15 n ** 13     root = 8.3198680533779+01
** 1. a ** 0.5 | * 15 n ** 14     root = 8.925391193689+01
** 1. a ** 0.5 | * 15 n ** 15     root = 9.534121067514+01
** 1. a ** 0.5 | * 15 n ** 16     root = 1.0145328913949+02
** 1. a ** 0.5 | * 15 n ** 17     root = 1.075993000045+02
** 1. a ** 0.5 | * 15 n ** 18     root = 1.1373502143608+02
** 1. a ** 0.5 | * 15 n ** 19     root = 1.1986871596732+02
** 1. a ** 0.5 | * 15 n ** 20     root = 1.2607426857843+02
** 1. a ** 0.5 | * 15 n ** 21     root = 1.323593031200+02
** 1. a ** 0.5 | * 15 n ** 22     root = 1.38760183779+02
** 1. a ** 0.5 | * 15 n ** 23     root = 1.452889958782+02
** 1. a ** 0.5 | * 15 n ** 24     root = 1.509389958782+02
** 1. a ** 0.5 | * 15 n ** 25     root = 1.570842718440+02
** 1. a ** 0.5 | * 15 n ** 26     root = 1.63307002394+02
** 1. a ** 0.5 | * 15 n ** 27     root = 1.6953146351003+02
** 1. a ** 0.5 | * 15 n ** 28     root = 1.7576136623636+02
** 1. a ** 0.5 | * 15 n ** 29     root = 1.8199607839367+02
** 1. a ** 0.5 | * 15 n ** 30     root = 1.8823211869000+02

```

```

c
c
c
** 1. a ** 0.6 | * 1 n ** 1      root = 6.3554710919936+00
** 1. a ** 0.6 | * 1 n ** 2      root = 1.3903387824942+01
** 1. a ** 0.6 | * 1 n ** 3      root = 2.1690876139793+01
** 1. a ** 0.6 | * 1 n ** 4      root = 2.9511757011678+01
** 1. a ** 0.6 | * 1 n ** 5      root = 3.7363168315382+01
** 1. a ** 0.6 | * 1 n ** 6      root = 4.5200788321401+01
** 1. a ** 0.6 | * 1 n ** 7      root = 5.3043318941325+01
** 1. a ** 0.6 | * 1 n ** 8      root = 6.0897636381251+01
** 1. a ** 0.6 | * 1 n ** 9      root = 6.8746078013441+01
** 1. a ** 0.6 | * 1 n ** 10     root = 7.65893817251743+01
** 1. a ** 0.6 | * 1 n ** 11     root = 8.4491182782839+01
** 1. a ** 0.6 | * 1 n ** 12     root = 9.2303168926037+01
** 1. a ** 0.6 | * 1 n ** 13     root = 1.0019960740076+02
** 1. a ** 0.6 | * 1 n ** 14     root = 1.08008680+02
** 1. a ** 0.6 | * 1 n ** 15     root = 1.1586113683631+02
** 1. a ** 0.6 | * 1 n ** 16     root = 1.2371444069799+02
** 1. a ** 0.6 | * 1 n ** 17     root = 1.315768626929+02
** 1. a ** 0.6 | * 1 n ** 18     root = 1.3942048662705+02
** 1. a ** 0.6 | * 1 n ** 19     root = 1.4727375527780+02
** 1. a ** 0.6 | * 1 n ** 20     root = 1.5512717231112+02
** 1. a ** 0.6 | * 1 n ** 21     root = 1.629805948115+02
** 1. a ** 0.6 | * 1 n ** 22     root = 1.708340525900+02
** 1. a ** 0.6 | * 1 n ** 23     root = 1.786874942579+02
** 1. a ** 0.6 | * 1 n ** 24     root = 1.865411938778+02
** 1. a ** 0.6 | * 1 n ** 25     root = 1.943948038923+02
** 1. a ** 0.6 | * 1 n ** 26     root = 2.022484368705+02
** 1. a ** 0.6 | * 1 n ** 27     root = 2.101020698613+02
** 1. a ** 0.6 | * 1 n ** 28     root = 2.1795578418385+02
** 1. a ** 0.6 | * 1 n ** 29     root = 2.258094878480+02
** 1. a ** 0.6 | * 1 n ** 30     root = 2.336632142447+02

```

```

c
c
50 ** 1. a 0.6 2 1 root = 7.08703034524e+00
50 ** 1. a 0.8 2 2 root = 1.4810471884123e+01
50 ** 1. a 0.6 3 1 root = 2.1873778394659e+01
50 ** 1. a 0.8 3 2 root = 2.5946100812125e+01
50 ** 1. a 0.6 4 1 root = 3.7425408701428e+01
50 ** 1. a 0.8 4 2 root = 4.5281347080118e+01
50 ** 1. a 0.6 5 1 root = 5.311512417274e+01
50 ** 1. a 0.8 5 2 root = 6.3258143464135e+01
50 ** 1. a 0.6 6 1 root = 6.8752021893925e+01
50 ** 1. a 0.8 6 2 root = 7.8846178801895e+01
50 ** 1. a 0.6 7 1 root = 8.4492449152325e+01
50 ** 1. a 0.8 7 2 root = 9.2340818897051e+01
50 ** 1. a 0.6 8 1 root = 1.0019088077881e+02
50 ** 1. a 0.8 8 2 root = 1.030403387861e+02
50 ** 1. a 0.6 9 1 root = 1.19209489894e+02
50 ** 1. a 0.8 9 2 root = 1.2374198627999e+02
50 ** 1. a 0.6 10 1 root = 1.319204246759e+02
50 ** 1. a 0.8 10 2 root = 1.3344511460237e+02
50 ** 1. a 0.6 11 1 root = 1.4729707172083e+02
50 ** 1. a 0.8 11 2 root = 1.491425260335e+02
50 ** 1. a 0.6 12 1 root = 1.6500158257314e+02
50 ** 1. a 0.8 12 2 root = 1.708940829275e+02
50 ** 1. a 0.6 13 1 root = 1.870571940126e+02
50 ** 1. a 0.8 13 2 root = 1.88293839029e+02
50 ** 1. a 0.6 14 1 root = 1.9441231900182e+02
50 ** 1. a 0.8 14 2 root = 2.039996051577e+02
50 ** 1. a 0.6 15 1 root = 2.1011828045101e+02
50 ** 1. a 0.8 15 2 root = 2.1797137087710e+02
50 ** 1. a 0.6 16 1 root = 2.2586452456909e+02
50 ** 1. a 0.8 16 2 root = 2.336773464691e+02

```

```

c
c
50 ** 1. a 0.6 3 1 root = 7.9181188007761e+00
50 ** 1. a 0.8 3 2 root = 1.464820336229e+01
50 ** 1. a 0.6 4 1 root = 2.533788173052e+01
50 ** 1. a 0.8 4 2 root = 3.783302988711e+01
50 ** 1. a 0.6 5 1 root = 4.5940189988774e+01
50 ** 1. a 0.8 5 2 root = 5.3217832781191e+01
50 ** 1. a 0.6 6 1 root = 6.1043778912434e+01
50 ** 1. a 0.8 6 2 root = 6.8878894182385e+01
50 ** 1. a 0.6 7 1 root = 7.87130888147071e+01
50 ** 1. a 0.8 7 2 root = 8.4404408817268e+01
50 ** 1. a 0.6 8 1 root = 9.2397515033917e+01
50 ** 1. a 0.8 8 2 root = 1.00422946666e+02
50 ** 1. a 0.6 9 1 root = 1.0308947116234e+02
50 ** 1. a 0.8 9 2 root = 1.199324574731e+02
50 ** 1. a 0.6 10 1 root = 1.2378376700308e+02
50 ** 1. a 0.8 10 2 root = 1.316230548989e+02
50 ** 1. a 0.6 11 1 root = 1.394824507451e+02
50 ** 1. a 0.8 11 2 root = 1.473319792929e+02
50 ** 1. a 0.6 12 1 root = 1.58182335748e+02
50 ** 1. a 0.8 12 2 root = 1.630330488278e+02
50 ** 1. a 0.6 13 1 root = 1.708848827839e+02
50 ** 1. a 0.8 13 2 root = 1.8070080841e+02
50 ** 1. a 0.6 14 1 root = 1.88293839029e+02
50 ** 1. a 0.8 14 2 root = 1.944398081148e+02
50 ** 1. a 0.6 15 1 root = 2.088394681875e+02
50 ** 1. a 0.8 15 2 root = 2.101425260335e+02
50 ** 1. a 0.6 16 1 root = 2.178847462718e+02
50 ** 1. a 0.8 16 2 root = 2.2586478788293e+02
50 ** 1. a 0.6 17 1 root = 2.33680148809e+02

```


c
c
c

```
50 " 1. a 0.6 | a 0 n 1 root = 1.2923292329+02e+01
50 " 1. a 0.6 | a 0 n 2 root = 1.8205216329502e+01
50 " 1. a 0.6 | a 0 n 3 root = 2.4608923294940e+01
50 " 1. a 0.6 | a 0 n 4 root = 3.18370232918e+01
50 " 1. a 0.6 | a 0 n 5 root = 3.9045112329341e+01
50 " 1. a 0.6 | a 0 n 6 root = 4.6262757423297e+01
50 " 1. a 0.6 | a 0 n 7 root = 5.4220046318294e+01
50 " 1. a 0.6 | a 0 n 8 root = 6.1912531232940e+01
50 " 1. a 0.6 | a 0 n 9 root = 6.9242242012329e+01
50 " 1. a 0.6 | a 0 n 10 root = 7.733322329779e+01
50 " 1. a 0.6 | a 0 n 11 root = 8.5172329232981e+01
50 " 1. a 0.6 | a 0 n 12 root = 9.2351405718191e+01
50 " 1. a 0.6 | a 0 n 13 root = 1.007623290923e+02
50 " 1. a 0.6 | a 0 n 14 root = 1.0823294032218e+02
50 " 1. a 0.6 | a 0 n 15 root = 1.1538163293294e+02
50 " 1. a 0.6 | a 0 n 16 root = 1.2420066329329e+02
50 " 1. a 0.6 | a 0 n 17 root = 1.3202398127291e+02
50 " 1. a 0.6 | a 0 n 18 root = 1.3992772517578e+02
50 " 1. a 0.6 | a 0 n 19 root = 1.4788753293297e+02
50 " 1. a 0.6 | a 0 n 20 root = 1.5591232932932e+02
50 " 1. a 0.6 | a 0 n 21 root = 1.6334731218103e+02
50 " 1. a 0.6 | a 0 n 22 root = 1.7118329434072e+02
50 " 1. a 0.6 | a 0 n 23 root = 1.7932142427293e+02
50 " 1. a 0.6 | a 0 n 24 root = 1.866622732933e+02
50 " 1. a 0.6 | a 0 n 25 root = 1.9470110493005e+02
50 " 1. a 0.6 | a 0 n 26 root = 2.0294221611032e+02
50 " 1. a 0.6 | a 0 n 27 root = 2.1035006329329e+02
50 " 1. a 0.6 | a 0 n 28 root = 2.1822329421132e+02
50 " 1. a 0.6 | a 0 n 29 root = 2.2607242329329e+02
50 " 1. a 0.6 | a 0 n 30 root = 2.3391712329329e+02
```

c
c
c

```
50 " 1. a 0.6 | a 9 n 1 root = 1.4032329710741e+01
50 " 1. a 0.6 | a 9 n 2 root = 1.9104232932920e+01
50 " 1. a 0.6 | a 9 n 3 root = 2.52329561423291e+01
50 " 1. a 0.6 | a 9 n 4 root = 3.2191232930735e+01
50 " 1. a 0.6 | a 9 n 5 root = 3.946453732933e+01
50 " 1. a 0.6 | a 9 n 6 root = 4.69337423293815e+01
50 " 1. a 0.6 | a 9 n 7 root = 5.451847042329175e+01
50 " 1. a 0.6 | a 9 n 8 root = 6.218828247329178e+01
50 " 1. a 0.6 | a 9 n 9 root = 6.98697812329322e+01
50 " 1. a 0.6 | a 9 n 10 root = 7.76015703292720e+01
50 " 1. a 0.6 | a 9 n 11 root = 8.53732205142329e+01
50 " 1. a 0.6 | a 9 n 12 root = 9.31229471017329e+01
50 " 1. a 0.6 | a 9 n 13 root = 1.0091945004779e+02
50 " 1. a 0.6 | a 9 n 14 root = 1.0871123292329e+02
50 " 1. a 0.6 | a 9 n 15 root = 1.1651509457474e+02
50 " 1. a 0.6 | a 9 n 16 root = 1.24323947037329e+02
50 " 1. a 0.6 | a 9 n 17 root = 1.3214113212711e+02
50 " 1. a 0.6 | a 9 n 18 root = 1.3996122423293e+02
50 " 1. a 0.6 | a 9 n 19 root = 1.47782002329123e+02
50 " 1. a 0.6 | a 9 n 20 root = 1.55611302002329e+02
50 " 1. a 0.6 | a 9 n 21 root = 1.6344147232932e+02
50 " 1. a 0.6 | a 9 n 22 root = 1.7127332329329e+02
50 " 1. a 0.6 | a 9 n 23 root = 1.7910712329329e+02
50 " 1. a 0.6 | a 9 n 24 root = 1.8694271011329e+02
50 " 1. a 0.6 | a 9 n 25 root = 1.94778720232933e+02
50 " 1. a 0.6 | a 9 n 26 root = 2.0261813293293e+02
50 " 1. a 0.6 | a 9 n 27 root = 2.1045772329329e+02
50 " 1. a 0.6 | a 9 n 28 root = 2.182973293293e+02
50 " 1. a 0.6 | a 9 n 29 root = 2.2614002329329e+02
50 " 1. a 0.6 | a 9 n 30 root = 2.3398462427329e+02
```


e
c
c
c
c
c

```
50 * 1. a 0.6 1 12 n 1 root = 1.7899482572e+01
50 * 1. a 0.6 1 12 n 2 root = 2.201326432528e+01
50 * 1. a 0.6 1 12 n 3 root = 2.739427162401e+01
50 * 1. a 0.6 1 12 n 4 root = 3.4027758448389e+01
50 * 1. a 0.6 1 12 n 5 root = 4.097888475243e+01
50 * 1. a 0.6 1 12 n 6 root = 4.810411370762e+01
50 * 1. a 0.6 1 12 n 7 root = 5.5267792911330e+01
50 * 1. a 0.6 1 12 n 8 root = 6.210420399789e+01
50 * 1. a 0.6 1 12 n 9 root = 7.06780489129e+01
50 * 1. a 0.6 1 12 n 10 root = 7.839456428026e+01
50 * 1. a 0.6 1 12 n 11 root = 8.6030146599613e+01
50 * 1. a 0.6 1 12 n 12 root = 9.374483223385e+01
50 * 1. a 0.6 1 12 n 13 root = 1.0146132057899e+02
50 * 1. a 0.6 1 12 n 14 root = 1.0927628575131e+02
50 * 1. a 0.6 1 12 n 15 root = 1.1700301649316e+02
50 * 1. a 0.6 1 12 n 16 root = 1.247618710374e+02
50 * 1. a 0.6 1 12 n 17 root = 1.325883950061e+02
50 * 1. a 0.6 1 12 n 18 root = 1.403933604140e+02
50 * 1. a 0.6 1 12 n 19 root = 1.481672308468e+02
50 * 1. a 0.6 1 12 n 20 root = 1.5597445321228e+02
50 * 1. a 0.6 1 12 n 21 root = 1.637624924817e+02
50 * 1. a 0.6 1 12 n 22 root = 1.7160159849495e+02
50 * 1. a 0.6 1 12 n 23 root = 1.7921159425942e+02
50 * 1. a 0.6 1 12 n 24 root = 1.872328713495e+02
50 * 1. a 0.6 1 12 n 25 root = 1.950560319159e+02
50 * 1. a 0.6 1 12 n 26 root = 2.0269500033285e+02
50 * 1. a 0.6 1 12 n 27 root = 2.1072417180772e+02
50 * 1. a 0.6 1 12 n 28 root = 2.182509601334e+02
50 * 1. a 0.6 1 12 n 29 root = 2.263876132172e+02
50 * 1. a 0.6 1 12 n 30 root = 2.342216171717e+02
```

```
50 * 1. a 0.6 1 13 n 1 root = 1.837767094189e+01
50 * 1. a 0.6 1 13 n 2 root = 2.333761547125e+01
50 * 1. a 0.6 1 13 n 3 root = 2.8444101660531e+01
50 * 1. a 0.6 1 13 n 4 root = 3.471423071702e+01
50 * 1. a 0.6 1 13 n 5 root = 4.126730068665e+01
50 * 1. a 0.6 1 13 n 6 root = 4.82637462939e+01
50 * 1. a 0.6 1 13 n 7 root = 5.500302099119e+01
50 * 1. a 0.6 1 13 n 8 root = 6.2469422174297e+01
50 * 1. a 0.6 1 13 n 9 root = 7.1021102815334e+01
50 * 1. a 0.6 1 13 n 10 root = 7.853602307134e+01
50 * 1. a 0.6 1 13 n 11 root = 8.629362746202e+01
50 * 1. a 0.6 1 13 n 12 root = 9.38266287117e+01
50 * 1. a 0.6 1 13 n 13 root = 1.017033196094e+02
50 * 1. a 0.6 1 13 n 14 root = 1.09410020378e+02
50 * 1. a 0.6 1 13 n 15 root = 1.171949617025e+02
50 * 1. a 0.6 1 13 n 16 root = 1.2496119723935e+02
50 * 1. a 0.6 1 13 n 17 root = 1.3273833094337e+02
50 * 1. a 0.6 1 13 n 18 root = 1.402424466253e+02
50 * 1. a 0.6 1 13 n 19 root = 1.48117238981e+02
50 * 1. a 0.6 1 13 n 20 root = 1.5611703827108e+02
50 * 1. a 0.6 1 13 n 21 root = 1.6322187843099e+02
50 * 1. a 0.6 1 13 n 22 root = 1.7175133283077e+02
50 * 1. a 0.6 1 13 n 23 root = 1.7394489920213e+02
50 * 1. a 0.6 1 13 n 24 root = 1.8738196137137e+02
50 * 1. a 0.6 1 13 n 25 root = 1.9518142821374e+02
50 * 1. a 0.6 1 13 n 26 root = 2.0300405171858e+02
50 * 1. a 0.6 1 13 n 27 root = 2.108990173084e+02
50 * 1. a 0.6 1 13 n 28 root = 2.1883810183331e+02
50 * 1. a 0.6 1 13 n 29 root = 2.2844208161765e+02
50 * 1. a 0.6 1 13 n 30 root = 2.3431578404726e+02
```

```

c
c
50 * 1. a 0.6 | 14 n 1 root = 1.946539388739e+01
50 * 1. a 0.6 | 14 n 2 root = 2.4082418377690e+01
50 * 1. a 0.6 | 14 n 3 root = 2.3357532648112e+01
50 * 1. a 0.6 | 14 n 4 root = 3.54402672833171e+01
50 * 1. a 0.6 | 14 n 5 root = 4.2133846394682e+01
50 * 1. a 0.6 | 14 n 6 root = 4.5176571259105e+01
50 * 1. a 0.6 | 14 n 7 root = 5.6446532372390e+01
50 * 1. a 0.6 | 14 n 8 root = 6.3657763301092e+01
50 * 1. a 0.6 | 14 n 9 root = 7.136757568389e+01
50 * 1. a 0.6 | 14 n 10 root = 7.9949446893112e+01
50 * 1. a 0.6 | 14 n 11 root = 8.677642765193e+01
50 * 1. a 0.6 | 14 n 12 root = 9.4244471674268e+01
50 * 1. a 0.6 | 14 n 13 root = 1.019161195194e+02
50 * 1. a 0.6 | 14 n 14 root = 1.0966208705511e+02
50 * 1. a 0.6 | 14 n 15 root = 1.174065621792e+02
50 * 1. a 0.6 | 14 n 16 root = 1.251940183235e+02
50 * 1. a 0.6 | 14 n 17 root = 1.3291952933921e+02
50 * 1. a 0.6 | 14 n 18 root = 1.4066513931149e+02
50 * 1. a 0.6 | 14 n 19 root = 1.484732025218e+02
50 * 1. a 0.6 | 14 n 20 root = 1.5627044343693e+02
50 * 1. a 0.6 | 14 n 21 root = 1.6406760519510e+02
50 * 1. a 0.6 | 14 n 22 root = 1.718704457675e+02
50 * 1. a 0.6 | 14 n 23 root = 1.7957765152265e+02
50 * 1. a 0.6 | 14 n 24 root = 1.8746895012959e+02
50 * 1. a 0.6 | 14 n 25 root = 1.9533355279071e+02
50 * 1. a 0.6 | 14 n 26 root = 2.0312134020755e+02
50 * 1. a 0.6 | 14 n 27 root = 2.1091187008325e+02
50 * 1. a 0.6 | 14 n 28 root = 2.1870494094311e+02
50 * 1. a 0.6 | 14 n 29 root = 2.2658689331040e+02
50 * 1. a 0.6 | 14 n 30 root = 2.344171113959e+02

```

```

c
c
50 * 1. a 0.6 | 15 n 1 root = 2.0551946717321e+01
50 * 1. a 0.6 | 15 n 2 root = 2.51434076491371e+01
50 * 1. a 0.6 | 15 n 3 root = 2.024147512022e+01
50 * 1. a 0.6 | 15 n 4 root = 3.6200894635393e+01
50 * 1. a 0.6 | 15 n 5 root = 4.277057010324e+01
50 * 1. a 0.6 | 15 n 6 root = 4.972238037876e+01
50 * 1. a 0.6 | 15 n 7 root = 5.6917429360936e+01
50 * 1. a 0.6 | 15 n 8 root = 6.427192162680e+01
50 * 1. a 0.6 | 15 n 9 root = 7.1732594119310e+01
50 * 1. a 0.6 | 15 n 10 root = 7.927659124924e+01
50 * 1. a 0.6 | 15 n 11 root = 8.687827198914e+01
50 * 1. a 0.6 | 15 n 12 root = 9.452820311180e+01
50 * 1. a 0.6 | 15 n 13 root = 1.0219689711851e+02
50 * 1. a 0.6 | 15 n 14 root = 1.098894387047e+02
50 * 1. a 0.6 | 15 n 15 root = 1.1762959013976e+02
50 * 1. a 0.6 | 15 n 16 root = 1.2539327151311e+02
50 * 1. a 0.6 | 15 n 17 root = 1.3311340117159e+02
50 * 1. a 0.6 | 15 n 18 root = 1.4076002662949e+02
50 * 1. a 0.6 | 15 n 19 root = 1.4832627353632e+02
50 * 1. a 0.6 | 15 n 20 root = 1.5591463947929e+02
50 * 1. a 0.6 | 15 n 21 root = 1.63426401171695e+02
50 * 1. a 0.6 | 15 n 22 root = 1.70103825571e+02
50 * 1. a 0.6 | 15 n 23 root = 1.759199140295e+02
50 * 1. a 0.6 | 15 n 24 root = 1.8182513512027e+02
50 * 1. a 0.6 | 15 n 25 root = 1.8794927158230e+02
50 * 1. a 0.6 | 15 n 26 root = 2.0324931804926e+02
50 * 1. a 0.6 | 15 n 27 root = 2.110827174793e+02
50 * 1. a 0.6 | 15 n 28 root = 2.189128766223e+02
50 * 1. a 0.6 | 15 n 29 root = 2.2670294633451e+02
50 * 1. a 0.6 | 15 n 30 root = 2.3452259492982e+02

```

c
c
c

56	n	1	.	a	0.7	1	n	1	n	1	root = 8.1462694636930e+00
56	n	1	.	a	0.7	1	n	2	n	2	root = 1.8424736510057e+01
56	n	1	.	a	0.7	1	n	3	n	3	root = 2.8605224513605e+01
56	n	1	.	a	0.7	1	n	4	n	4	root = 3.9310775472300e+01
56	n	1	.	a	0.7	1	n	5	n	5	root = 4.9713366307762e+01
56	n	1	.	a	0.7	1	n	6	n	6	root = 6.0294631115314e+01
56	n	1	.	a	0.7	1	n	7	n	7	root = 7.070420817704e+01
56	n	1	.	a	0.7	1	n	8	n	8	root = 8.117645068146e+01
56	n	1	.	a	0.7	1	n	9	n	9	root = 9.164613362270e+01
56	n	1	.	a	0.7	1	n	10	n	10	root = 1.0211841037041e+02
56	n	1	.	a	0.7	1	n	11	n	11	root = 1.1296636734374e+02
56	n	1	.	a	0.7	1	n	12	n	12	root = 1.2355777451261e+02
56	n	1	.	a	0.7	1	n	13	n	13	root = 1.3392677110275e+02
56	n	1	.	a	0.7	1	n	14	n	14	root = 1.4399991453963e+02
56	n	1	.	a	0.7	1	n	15	n	15	root = 1.5447117405877e+02
56	n	1	.	a	0.7	1	n	16	n	16	root = 1.6494252707471e+02
56	n	1	.	a	0.7	1	n	17	n	17	root = 1.7541395631498e+02
56	n	1	.	a	0.7	1	n	18	n	18	root = 1.858944651922e+02
56	n	1	.	a	0.7	1	n	19	n	19	root = 1.9637599386732e+02
56	n	1	.	a	0.7	1	n	20	n	20	root = 2.0685766327367e+02
56	n	1	.	a	0.7	1	n	21	n	21	root = 2.1733021066260e+02
56	n	1	.	a	0.7	1	n	22	n	22	root = 2.2777187109126e+02
56	n	1	.	a	0.7	1	n	23	n	23	root = 2.3824356957373e+02
56	n	1	.	a	0.7	1	n	24	n	24	root = 2.4871527067998e+02
56	n	1	.	a	0.7	1	n	25	n	25	root = 2.5918700736144e+02
56	n	1	.	a	0.7	1	n	26	n	26	root = 2.6965876107307e+02
56	n	1	.	a	0.7	1	n	27	n	27	root = 2.80130531642333e+02
56	n	1	.	a	0.7	1	n	28	n	28	root = 2.9060231721811e+02
56	n	1	.	a	0.7	1	n	29	n	29	root = 3.0107411621068e+02
56	n	1	.	a	0.7	1	n	30	n	30	root = 3.1154592724718e+02

c
c

56	n	1	.	a	0.7	1	n	2	n	1	root = 8.65710974681771e+00
56	n	1	.	a	0.7	1	n	2	n	2	root = 1.8619324468192e+01
56	n	1	.	a	0.7	1	n	2	n	3	root = 2.9971360060998e+01
56	n	1	.	a	0.7	1	n	2	n	4	root = 3.9392324929202e+01
56	n	1	.	a	0.7	1	n	2	n	5	root = 4.962633102435e+01
56	n	1	.	a	0.7	1	n	2	n	6	root = 6.0290600442695e+01
56	n	1	.	a	0.7	1	n	2	n	7	root = 7.075093677560e+01
56	n	1	.	a	0.7	1	n	2	n	8	root = 8.1213729540732e+01
56	n	1	.	a	0.7	1	n	2	n	9	root = 9.1676668662053e+01
56	n	1	.	a	0.7	1	n	2	n	10	root = 1.0214570142298e+02
56	n	1	.	a	0.7	1	n	2	n	11	root = 1.1261342427178e+02
56	n	1	.	a	0.7	1	n	2	n	12	root = 1.2308168606241e+02
56	n	1	.	a	0.7	1	n	2	n	13	root = 1.3355053471709e+02
56	n	1	.	a	0.7	1	n	2	n	14	root = 1.4402041464175e+02
56	n	1	.	a	0.7	1	n	2	n	15	root = 1.5449042774945e+02
56	n	1	.	a	0.7	1	n	2	n	16	root = 1.6496035104650e+02
56	n	1	.	a	0.7	1	n	2	n	17	root = 1.75430369601740e+02
56	n	1	.	a	0.7	1	n	2	n	18	root = 1.8590021411535e+02
56	n	1	.	a	0.7	1	n	2	n	19	root = 1.963700940600e+02
56	n	1	.	a	0.7	1	n	2	n	20	root = 2.0684271633771e+02
56	n	1	.	a	0.7	1	n	2	n	21	root = 2.1731394616851e+02
56	n	1	.	a	0.7	1	n	2	n	22	root = 2.2778467344333e+02
56	n	1	.	a	0.7	1	n	2	n	23	root = 2.3825579243775e+02
56	n	1	.	a	0.7	1	n	2	n	24	root = 2.4872698076189e+02
56	n	1	.	a	0.7	1	n	2	n	25	root = 2.5919823368981e+02
56	n	1	.	a	0.7	1	n	2	n	26	root = 2.6966954402032e+02
56	n	1	.	a	0.7	1	n	2	n	27	root = 2.8014090474125e+02
56	n	1	.	a	0.7	1	n	2	n	28	root = 2.9061251047840e+02
56	n	1	.	a	0.7	1	n	2	n	29	root = 3.0108472845795e+02
56	n	1	.	a	0.7	1	n	2	n	30	root = 3.1155623666665e+02

```

c
c
c
50 ** 1. a ** 0.7 | 3 n ** 1      root = 9.317342039219e+00
50 ** 1. a ** 0.7 | 3 n ** 2      root = 1.89045031143781e+01
50 ** 1. a ** 0.7 | 3 n ** 3      root = 2.91143178551892e+01
50 ** 1. a ** 0.7 | 3 n ** 4      root = 3.90142131671157e+01
50 ** 1. a ** 0.7 | 3 n ** 5      root = 4.95305913574577e+01
50 ** 1. a ** 0.7 | 3 n ** 6      root = 6.0367397915304e+01
50 ** 1. a ** 0.7 | 3 n ** 7      root = 7.08152307326299e+01
50 ** 1. a ** 0.7 | 3 n ** 8      root = 8.185963110035e+01
50 ** 1. a ** 0.7 | 3 n ** 9      root = 9.17261806829508e+01
50 ** 1. a ** 0.7 | 3 n ** 10     root = 1.0216932000970e+02
50 ** 1. a ** 0.7 | 3 n ** 11     root = 1.126330944630e+02
50 ** 1. a ** 0.7 | 3 n ** 12     root = 1.23118066603495e+02
50 ** 1. a ** 0.7 | 3 n ** 13     root = 1.33694172953895e+02
50 ** 1. a ** 0.7 | 3 n ** 14     root = 1.4445115923913e+02
50 ** 1. a ** 0.7 | 3 n ** 15     root = 1.5451894103113e+02
50 ** 1. a ** 0.7 | 3 n ** 16     root = 1.6498706312959e+02
50 ** 1. a ** 0.7 | 3 n ** 17     root = 1.7492576230049e+02
50 ** 1. a ** 0.7 | 3 n ** 18     root = 1.8555469571157e+02
50 ** 1. a ** 0.7 | 3 n ** 19     root = 1.95394253281192e+02
50 ** 1. a ** 0.7 | 3 n ** 20     root = 2.066393140326e+02
50 ** 1. a ** 0.7 | 3 n ** 21     root = 2.1733382951100e+02
50 ** 1. a ** 0.7 | 3 n ** 22     root = 2.2780386690895e+02
50 ** 1. a ** 0.7 | 3 n ** 23     root = 2.387444051153e+02
50 ** 1. a ** 0.7 | 3 n ** 24     root = 2.4874459187170e+02
50 ** 1. a ** 0.7 | 3 n ** 25     root = 2.5921507228199e+02
50 ** 1. a ** 0.7 | 3 n ** 26     root = 2.6966671760995e+02
50 ** 1. a ** 0.7 | 3 n ** 27     root = 2.801594632078e+02
50 ** 1. a ** 0.7 | 3 n ** 28     root = 2.905272997040e+02
50 ** 1. a ** 0.7 | 3 n ** 29     root = 3.0109821623637e+02
50 ** 1. a ** 0.7 | 3 n ** 30     root = 3.115692050146e+02

```

```

c
c
c
50 ** 1. a ** 0.7 | 4 n ** 1      root = 1.0077094466301e+01
50 ** 1. a ** 0.7 | 4 n ** 2      root = 1.927329272527e+01
50 ** 1. a ** 0.7 | 4 n ** 3      root = 2.9396961174650e+01
50 ** 1. a ** 0.7 | 4 n ** 4      root = 3.95792994994e+01
50 ** 1. a ** 0.7 | 4 n ** 5      root = 5.009579053630e+01
50 ** 1. a ** 0.7 | 4 n ** 6      root = 6.04694832304e+01
50 ** 1. a ** 0.7 | 4 n ** 7      root = 7.081334956131e+01
50 ** 1. a ** 0.7 | 4 n ** 8      root = 8.134403037632e+01
50 ** 1. a ** 0.7 | 4 n ** 9      root = 9.179370917653e+01
50 ** 1. a ** 0.7 | 4 n ** 10     root = 1.022491446044e+02
50 ** 1. a ** 0.7 | 4 n ** 11     root = 1.127195639262e+02
50 ** 1. a ** 0.7 | 4 n ** 12     root = 1.2316827522814e+02
50 ** 1. a ** 0.7 | 4 n ** 13     root = 1.336947922467e+02
50 ** 1. a ** 0.7 | 4 n ** 14     root = 1.444051338302e+02
50 ** 1. a ** 0.7 | 4 n ** 15     root = 1.545056313743e+02
50 ** 1. a ** 0.7 | 4 n ** 16     root = 1.6502271867687e+02
50 ** 1. a ** 0.7 | 4 n ** 17     root = 1.749692397894e+02
50 ** 1. a ** 0.7 | 4 n ** 18     root = 1.8555538220399e+02
50 ** 1. a ** 0.7 | 4 n ** 19     root = 1.964247550467e+02
50 ** 1. a ** 0.7 | 4 n ** 20     root = 2.066621740769e+02
50 ** 1. a ** 0.7 | 4 n ** 21     root = 2.173306739594e+02
50 ** 1. a ** 0.7 | 4 n ** 22     root = 2.2780394600895e+02
50 ** 1. a ** 0.7 | 4 n ** 23     root = 2.387438229304e+02
50 ** 1. a ** 0.7 | 4 n ** 24     root = 2.4874394948310e+02
50 ** 1. a ** 0.7 | 4 n ** 25     root = 2.5921507228199e+02
50 ** 1. a ** 0.7 | 4 n ** 26     root = 2.6970726094395e+02
50 ** 1. a ** 0.7 | 4 n ** 27     root = 2.8017782749429e+02
50 ** 1. a ** 0.7 | 4 n ** 28     root = 2.9084728911099e+02
50 ** 1. a ** 0.7 | 4 n ** 29     root = 3.0111749483299e+02
50 ** 1. a ** 0.7 | 4 n ** 30     root = 3.115692050146e+02

```

c
c
c

56	*	1.	a	0.7	1	a	5	n	1	root =	1.0909415360116e+01
56	*	1.	a	0.7	1	a	5	n	2	root =	1.9718345216369e+01
56	*	1.	a	0.7	1	a	5	n	3	root =	2.9849262666605e+01
56	*	1.	a	0.7	1	a	5	n	4	root =	3.9876733717695e+01
56	*	1.	a	0.7	1	a	5	n	5	root =	5.0211777323019e+01
56	*	1.	a	0.7	1	a	5	n	6	root =	6.0956762439465e+01
56	*	1.	a	0.7	1	a	5	n	7	root =	7.1008769511493e+01
56	*	1.	a	0.7	1	a	5	n	8	root =	8.143665076753e+01
56	*	1.	a	0.7	1	a	5	n	9	root =	9.1879943424451e+01
56	*	1.	a	0.7	1	a	5	n	10	root =	1.0232124650911e+02
56	*	1.	a	0.7	1	a	5	n	11	root =	1.1272012140669e+02
56	*	1.	a	0.7	1	a	5	n	12	root =	1.2323260514653e+02
56	*	1.	a	0.7	1	a	5	n	13	root =	1.3388393153679e+02
56	*	1.	a	0.7	1	a	5	n	14	root =	1.4414334666276e+02
56	*	1.	a	0.7	1	a	5	n	15	root =	1.54604601440491e+02
56	*	1.	a	0.7	1	a	5	n	16	root =	1.6506725150325e+02
56	*	1.	a	0.7	1	a	5	n	17	root =	1.7563104251732e+02
56	*	1.	a	0.7	1	a	5	n	18	root =	1.862957732039e+02
56	*	1.	a	0.7	1	a	5	n	19	root =	1.9646130180279e+02
56	*	1.	a	0.7	1	a	5	n	20	root =	2.063274934773e+02
56	*	1.	a	0.7	1	a	5	n	21	root =	2.1739425301378e+02
56	*	1.	a	0.7	1	a	5	n	22	root =	2.2768150329293e+02
56	*	1.	a	0.7	1	a	5	n	23	root =	2.383291759397e+02
56	*	1.	a	0.7	1	a	5	n	24	root =	2.48797021740717e+02
56	*	1.	a	0.7	1	a	5	n	25	root =	2.593956632629e+02
56	*	1.	a	0.7	1	a	5	n	26	root =	2.697342323260e+02
56	*	1.	a	0.7	1	a	5	n	27	root =	2.8020313506118e+02
56	*	1.	a	0.7	1	a	5	n	28	root =	2.9057232694175e+02
56	*	1.	a	0.7	1	a	5	n	29	root =	3.011415913206e+02
56	*	1.	a	0.7	1	a	5	n	30	root =	3.116110053055e+02

c
c
c

56	*	1.	a	0.7	1	a	6	n	1	root =	1.1766890514676e+01
56	*	1.	a	0.7	1	a	6	n	2	root =	2.0231196299429e+01
56	*	1.	a	0.7	1	a	6	n	3	root =	2.9980016511245e+01
56	*	1.	a	0.7	1	a	6	n	4	root =	4.0119891383070e+01
56	*	1.	a	0.7	1	a	6	n	5	root =	5.0368116877305e+01
56	*	1.	a	0.7	1	a	6	n	6	root =	6.0749105629947e+01
56	*	1.	a	0.7	1	a	6	n	7	root =	7.1137466114261e+01
56	*	1.	a	0.7	1	a	6	n	8	root =	8.1946266694933e+01
56	*	1.	a	0.7	1	a	6	n	9	root =	9.1973633009590e+01
56	*	1.	a	0.7	1	a	6	n	10	root =	1.0240893042930e+02
56	*	1.	a	0.7	1	a	6	n	11	root =	1.1269121257693e+02
56	*	1.	a	0.7	1	a	6	n	12	root =	1.2329874423652e+02
56	*	1.	a	0.7	1	a	6	n	13	root =	1.3375022951107e+02
56	*	1.	a	0.7	1	a	6	n	14	root =	1.442047271520e+02
56	*	1.	a	0.7	1	a	6	n	15	root =	1.54661746375161e+02
56	*	1.	a	0.7	1	a	6	n	16	root =	1.6512057386693e+02
56	*	1.	a	0.7	1	a	6	n	17	root =	1.759911968969e+02
56	*	1.	a	0.7	1	a	6	n	18	root =	1.8594303266011e+02
56	*	1.	a	0.7	1	a	6	n	19	root =	1.959098741229e+02
56	*	1.	a	0.7	1	a	6	n	20	root =	2.060999931952e+02
56	*	1.	a	0.7	1	a	6	n	21	root =	2.1734949506369e+02
56	*	1.	a	0.7	1	a	6	n	22	root =	2.276990099491e+02
56	*	1.	a	0.7	1	a	6	n	23	root =	2.383092699300e+02
56	*	1.	a	0.7	1	a	6	n	24	root =	2.488293290609e+02
56	*	1.	a	0.7	1	a	6	n	25	root =	2.593956632629e+02
56	*	1.	a	0.7	1	a	6	n	26	root =	2.697342323260e+02
56	*	1.	a	0.7	1	a	6	n	27	root =	2.8020313506118e+02
56	*	1.	a	0.7	1	a	6	n	28	root =	2.90703232694175e+02
56	*	1.	a	0.7	1	a	6	n	29	root =	3.011415913206e+02
56	*	1.	a	0.7	1	a	6	n	30	root =	3.116390276969e+02

c
c
c

59	*	1.	a	0.7	1	7	n	1	root = 1.2709492770182e+01
59	*	1.	a	0.7	1	7	n	2	root = 2.030946836704e+01
59	*	1.	a	0.7	1	7	n	3	root = 3.036570738195e+01
59	*	1.	a	0.7	1	7	n	4	root = 4.032455028982e+01
59	*	1.	a	0.7	1	7	n	5	root = 5.021433246732e+01
59	*	1.	a	0.7	1	7	n	6	root = 6.008210128914e+01
59	*	1.	a	0.7	1	7	n	7	root = 7.13773734921e+01
59	*	1.	a	0.7	1	7	n	8	root = 8.167398156867e+01
59	*	1.	a	0.7	1	7	n	9	root = 9.2087817754902e+01
59	*	1.	a	0.7	1	7	n	10	root = 1.025110336076e+02
59	*	1.	a	0.7	1	7	n	11	root = 1.1294363202653e+02
59	*	1.	a	0.7	1	7	n	12	root = 1.233829387278e+02
59	*	1.	a	0.7	1	7	n	13	root = 1.3382763494602e+02
59	*	1.	a	0.7	1	7	n	14	root = 1.442763882110e+02
59	*	1.	a	0.7	1	7	n	15	root = 1.547293870351e+02
59	*	1.	a	0.7	1	7	n	16	root = 1.651827806829e+02
59	*	1.	a	0.7	1	7	n	17	root = 1.756369509143e+02
59	*	1.	a	0.7	1	7	n	18	root = 1.860981634022e+02
59	*	1.	a	0.7	1	7	n	19	root = 1.965681070830e+02
59	*	1.	a	0.7	1	7	n	20	root = 2.07039416837e+02
59	*	1.	a	0.7	1	7	n	21	root = 2.174919153743e+02
59	*	1.	a	0.7	1	7	n	22	root = 2.2794470032816e+02
59	*	1.	a	0.7	1	7	n	23	root = 2.38400628711e+02
59	*	1.	a	0.7	1	7	n	24	root = 2.4887329402905e+02
59	*	1.	a	0.7	1	7	n	25	root = 2.593638226779e+02
59	*	1.	a	0.7	1	7	n	26	root = 2.6986242546140e+02
59	*	1.	a	0.7	1	7	n	27	root = 2.8037053524516e+02
59	*	1.	a	0.7	1	7	n	28	root = 2.9077719594325e+02
59	*	1.	a	0.7	1	7	n	29	root = 3.010423292900e+02
59	*	1.	a	0.7	1	7	n	30	root = 3.1167160614439e+02

c
c
c

59	*	1.	a	0.7	1	8	n	1	root = 1.3894294573507e+01
59	*	1.	a	0.7	1	8	n	2	root = 2.1434218587129e+01
59	*	1.	a	0.7	1	8	n	3	root = 3.07038260181457e+01
59	*	1.	a	0.7	1	8	n	4	root = 4.0709419138797e+01
59	*	1.	a	0.7	1	8	n	5	root = 5.0660109941493e+01
59	*	1.	a	0.7	1	8	n	6	root = 6.112763068838e+01
59	*	1.	a	0.7	1	8	n	7	root = 7.1457839412252e+01
59	*	1.	a	0.7	1	8	n	8	root = 8.16278632946738e+01
59	*	1.	a	0.7	1	8	n	9	root = 9.221832811942e+01
59	*	1.	a	0.7	1	8	n	10	root = 1.0327638384e+02
59	*	1.	a	0.7	1	8	n	11	root = 1.1304894097828e+02
59	*	1.	a	0.7	1	8	n	12	root = 1.2347912862826e+02
59	*	1.	a	0.7	1	8	n	13	root = 1.338160625721e+02
59	*	1.	a	0.7	1	8	n	14	root = 1.4436820862510e+02
59	*	1.	a	0.7	1	8	n	15	root = 1.546045093130e+02
59	*	1.	a	0.7	1	8	n	16	root = 1.622914681638e+02
59	*	1.	a	0.7	1	8	n	17	root = 1.7570951988113e+02
59	*	1.	a	0.7	1	8	n	18	root = 1.861114053421e+02
59	*	1.	a	0.7	1	8	n	19	root = 1.965170928000e+02
59	*	1.	a	0.7	1	8	n	20	root = 2.070927636230e+02
59	*	1.	a	0.7	1	8	n	21	root = 2.176362388022e+02
59	*	1.	a	0.7	1	8	n	22	root = 2.282588279157e+02
59	*	1.	a	0.7	1	8	n	23	root = 2.384579438801e+02
59	*	1.	a	0.7	1	8	n	24	root = 2.489200888307e+02
59	*	1.	a	0.7	1	8	n	25	root = 2.593338889570e+02
59	*	1.	a	0.7	1	8	n	26	root = 2.698473886751e+02
59	*	1.	a	0.7	1	8	n	27	root = 2.8031200401673e+02
59	*	1.	a	0.7	1	8	n	28	root = 2.907771494917e+02
59	*	1.	a	0.7	1	8	n	29	root = 3.0124277204673e+02
59	*	1.	a	0.7	1	8	n	30	root = 3.1170889445077e+02

```

c
c
c
50 * 1. a * 0.7 i * 9 n * 1 root = 1.4626703275711e+01
50 * 1. a * 0.7 i * 9 n * 2 root = 2.21114910294375e+01
50 * 1. a * 0.7 i * 9 n * 3 root = 3.1252369263371e+01
50 * 1. a * 0.7 i * 9 n * 4 root = 4.1053363394959e+01
50 * 1. a * 0.7 i * 9 n * 5 root = 5.1134720030235e+01
50 * 1. a * 0.7 i * 9 n * 6 root = 6.1353573957635e+01
50 * 1. a * 0.7 i * 9 n * 7 root = 7.1674759337477e+01
50 * 1. a * 0.7 i * 9 n * 8 root = 8.19916900939405e+01
50 * 1. a * 0.7 i * 9 n * 9 root = 9.2394762574425e+01
50 * 1. a * 0.7 i * 9 n * 10 root = 1.0276951499977e+02
50 * 1. a * 0.7 i * 9 n * 11 root = 1.1316729194037e+02
50 * 1. a * 0.7 i * 9 n * 12 root = 1.2365721907695e+02
50 * 1. a * 0.7 i * 9 n * 13 root = 1.340194019195e+02
50 * 1. a * 0.7 i * 9 n * 14 root = 1.4444501950595e+02
50 * 1. a * 0.7 i * 9 n * 15 root = 1.5493009399405e+02
50 * 1. a * 0.7 i * 9 n * 16 root = 1.6537417033035e+02
50 * 1. a * 0.7 i * 9 n * 17 root = 1.7578165161949e+02
50 * 1. a * 0.7 i * 9 n * 18 root = 1.8623192833979e+02
50 * 1. a * 0.7 i * 9 n * 19 root = 1.9682462290997e+02
50 * 1. a * 0.7 i * 9 n * 20 root = 2.071352794775e+02
50 * 1. a * 0.7 i * 9 n * 21 root = 2.1759553157495e+02
50 * 1. a * 0.7 i * 9 n * 22 root = 2.28053444676827e+02
50 * 1. a * 0.7 i * 9 n * 23 root = 2.3851253219239e+02
50 * 1. a * 0.7 i * 9 n * 24 root = 2.4897271944929e+02
50 * 1. a * 0.7 i * 9 n * 25 root = 2.5943387472099e+02
50 * 1. a * 0.7 i * 9 n * 26 root = 2.6989599395219e+02
50 * 1. a * 0.7 i * 9 n * 27 root = 2.803599469991e+02
50 * 1. a * 0.7 i * 9 n * 28 root = 2.9082268772095e+02
50 * 1. a * 0.7 i * 9 n * 29 root = 3.012861289249e+02
50 * 1. a * 0.7 i * 9 n * 30 root = 3.117501081937e+02

```

```

c
c
c
50 * 1. a * 0.7 i * 10 n * 1 root = 1.5618105281333e+01
50 * 1. a * 0.7 i * 10 n * 2 root = 2.2652030306395e+01
50 * 1. a * 0.7 i * 10 n * 3 root = 3.1781892044475e+01
50 * 1. a * 0.7 i * 10 n * 4 root = 4.1435116944745e+01
50 * 1. a * 0.7 i * 10 n * 5 root = 5.143769993993e+01
50 * 1. a * 0.7 i * 10 n * 6 root = 6.1803910316395e+01
50 * 1. a * 0.7 i * 10 n * 7 root = 7.196139700573e+01
50 * 1. a * 0.7 i * 10 n * 8 root = 8.217949399999e+01
50 * 1. a * 0.7 i * 10 n * 9 root = 9.2357201963073e+01
50 * 1. a * 0.7 i * 10 n * 10 root = 1.026033343272e+02
50 * 1. a * 0.7 i * 10 n * 11 root = 1.1299994133927e+02
50 * 1. a * 0.7 i * 10 n * 12 root = 1.237071999903e+02
50 * 1. a * 0.7 i * 10 n * 13 root = 1.341277649927e+02
50 * 1. a * 0.7 i * 10 n * 14 root = 1.44495230948517e+02
50 * 1. a * 0.7 i * 10 n * 15 root = 1.5499513069972e+02
50 * 1. a * 0.7 i * 10 n * 16 root = 1.654329519292e+02
50 * 1. a * 0.7 i * 10 n * 17 root = 1.758511677731e+02
50 * 1. a * 0.7 i * 10 n * 18 root = 1.863102029492e+02
50 * 1. a * 0.7 i * 10 n * 19 root = 1.9679900377377e+02
50 * 1. a * 0.7 i * 10 n * 20 root = 2.072099202461e+02
50 * 1. a * 0.7 i * 10 n * 21 root = 2.1766271432781e+02
50 * 1. a * 0.7 i * 10 n * 22 root = 2.281179932941e+02
50 * 1. a * 0.7 i * 10 n * 23 root = 2.385769194317e+02
50 * 1. a * 0.7 i * 10 n * 24 root = 2.4903119169999e+02
50 * 1. a * 0.7 i * 10 n * 25 root = 2.5948994718999e+02
50 * 1. a * 0.7 i * 10 n * 26 root = 2.6994974618519e+02
50 * 1. a * 0.7 i * 10 n * 27 root = 2.8041046714707e+02
50 * 1. a * 0.7 i * 10 n * 28 root = 2.9087021169295e+02
50 * 1. a * 0.7 i * 10 n * 29 root = 3.013349294039e+02
50 * 1. a * 0.7 i * 10 n * 30 root = 3.117972394249e+02

```

c
c
c

56	1.	a	0.7	1	11	n	1	root = 1.6624776701511e+01
56	1.	a	0.7	1	11	n	2	root = 2.3981207792939e+01
56	1.	a	0.7	1	11	n	3	root = 3.2302625162394e+01
56	1.	a	0.7	1	11	n	4	root = 4.1851530044570e+01
56	1.	a	0.7	1	11	n	5	root = 5.1768236194985e+01
56	1.	a	0.7	1	11	n	6	root = 6.1876303294214e+01
56	1.	a	0.7	1	11	n	7	root = 7.2053744671195e+01
56	1.	a	0.7	1	11	n	8	root = 8.2377630326108e+01
56	1.	a	0.7	1	11	n	9	root = 9.2702461534912e+01
56	1.	a	0.7	1	11	n	10	root = 1.0303631742155e+02
56	1.	a	0.7	1	11	n	11	root = 1.1344323871445e+02
56	1.	a	0.7	1	11	n	12	root = 1.2363632e+02
56	1.	a	0.7	1	11	n	13	root = 1.3424703180145e+02
56	1.	a	0.7	1	11	n	14	root = 1.4468494563032e+02
56	1.	a	0.7	1	11	n	15	root = 1.5503661032494e+02
56	1.	a	0.7	1	11	n	16	root = 1.6525276263870e+02
56	1.	a	0.7	1	11	n	17	root = 1.7556666377111e+02
56	1.	a	0.7	1	11	n	18	root = 1.8636710405759e+02
56	1.	a	0.7	1	11	n	19	root = 1.969476282300e+02
56	1.	a	0.7	1	11	n	20	root = 2.0768735012517e+02
56	1.	a	0.7	1	11	n	21	root = 2.1773946031045e+02
56	1.	a	0.7	1	11	n	22	root = 2.2818771058537e+02
56	1.	a	0.7	1	11	n	23	root = 2.3844734571971e+02
56	1.	a	0.7	1	11	n	24	root = 2.4909294947625e+02
56	1.	a	0.7	1	11	n	25	root = 2.595161243012e+02
56	1.	a	0.7	1	11	n	26	root = 2.700063017215e+02
56	1.	a	0.7	1	11	n	27	root = 2.80457442591327e+02
56	1.	a	0.7	1	11	n	28	root = 2.9092681830175e+02
56	1.	a	0.7	1	11	n	29	root = 3.013763308767e+02
56	1.	a	0.7	1	11	n	30	root = 3.118440012699e+02

c
c
c

56	1.	a	0.7	1	12	n	1	root = 1.7643756105072e+01
56	1.	a	0.7	1	12	n	2	root = 2.439436266629e+01
56	1.	a	0.7	1	12	n	3	root = 3.259426271142e+01
56	1.	a	0.7	1	12	n	4	root = 4.2298762600370e+01
56	1.	a	0.7	1	12	n	5	root = 5.2125269445708e+01
56	1.	a	0.7	1	12	n	6	root = 6.2173140378350e+01
56	1.	a	0.7	1	12	n	7	root = 7.2346196070120e+01
56	1.	a	0.7	1	12	n	8	root = 8.259702947293e+01
56	1.	a	0.7	1	12	n	9	root = 9.285819500576e+01
56	1.	a	0.7	1	12	n	10	root = 1.0323763651495e+02
56	1.	a	0.7	1	12	n	11	root = 1.1360052903726e+02
56	1.	a	0.7	1	12	n	12	root = 1.2388366576211e+02
56	1.	a	0.7	1	12	n	13	root = 1.3437617522581e+02
56	1.	a	0.7	1	12	n	14	root = 1.4476888873217e+02
56	1.	a	0.7	1	12	n	15	root = 1.55034344982e+02
56	1.	a	0.7	1	12	n	16	root = 1.652762649574e+02
56	1.	a	0.7	1	12	n	17	root = 1.760563032725e+02
56	1.	a	0.7	1	12	n	18	root = 1.8694914005230e+02
56	1.	a	0.7	1	12	n	19	root = 1.969585766289e+02
56	1.	a	0.7	1	12	n	20	root = 2.0737197651717e+02
56	1.	a	0.7	1	12	n	21	root = 2.178168223394e+02
56	1.	a	0.7	1	12	n	22	root = 2.28293074323e+02
56	1.	a	0.7	1	12	n	23	root = 2.3871405531741e+02
56	1.	a	0.7	1	12	n	24	root = 2.4916862401000e+02
56	1.	a	0.7	1	12	n	25	root = 2.595168840830e+02
56	1.	a	0.7	1	12	n	26	root = 2.701733944626e+02
56	1.	a	0.7	1	12	n	27	root = 2.8092861193731e+02
56	1.	a	0.7	1	12	n	28	root = 2.9088880414403e+02
56	1.	a	0.7	1	12	n	29	root = 3.014440364168e+02
56	1.	a	0.7	1	12	n	30	root = 3.119042026594e+02

c
c
c

100 = 1. a = 0.7 i = 13 n = 1 root = 1.8672730683399e+01
100 = 1. a = 0.7 i = 13 n = 2 root = 2.3203723793890e+01
100 = 1. a = 0.7 i = 13 n = 3 root = 3.2612523294940e+01
100 = 1. a = 0.7 i = 13 n = 4 root = 4.2774949457823e+01
100 = 1. a = 0.7 i = 13 n = 5 root = 5.2510088175882e+01
100 = 1. a = 0.7 i = 13 n = 6 root = 6.2452357735828e+01
100 = 1. a = 0.7 i = 13 n = 7 root = 7.2615520325011e+01
100 = 1. a = 0.7 i = 13 n = 8 root = 8.2834253946079e+01
100 = 1. a = 0.7 i = 13 n = 9 root = 9.3105204767711e+01
100 = 1. a = 0.7 i = 13 n = 10 root = 1.03451700335e+02
100 = 1. a = 0.7 i = 13 n = 11 root = 1.137705281232e+02
100 = 1. a = 0.7 i = 13 n = 12 root = 1.2413807942395e+02
100 = 1. a = 0.7 i = 13 n = 13 root = 1.3452216834949e+02
100 = 1. a = 0.7 i = 13 n = 14 root = 1.449192563762e+02
100 = 1. a = 0.7 i = 13 n = 15 root = 1.5532676394517e+02
100 = 1. a = 0.7 i = 13 n = 16 root = 1.6574571173230e+02
100 = 1. a = 0.7 i = 13 n = 17 root = 1.7616520583339e+02
100 = 1. a = 0.7 i = 13 n = 18 root = 1.865949503581e+02
100 = 1. a = 0.7 i = 13 n = 19 root = 1.9702530320799e+02
100 = 1. a = 0.7 i = 13 n = 20 root = 2.0745627053689e+02
100 = 1. a = 0.7 i = 13 n = 21 root = 2.1788403328083e+02
100 = 1. a = 0.7 i = 13 n = 22 root = 2.2834743500182e+02
100 = 1. a = 0.7 i = 13 n = 23 root = 2.3873339475792e+02
100 = 1. a = 0.7 i = 13 n = 24 root = 2.4924157439220e+02
100 = 1. a = 0.7 i = 13 n = 25 root = 2.5988170463040e+02
100 = 1. a = 0.7 i = 13 n = 26 root = 2.701436623135e+02
100 = 1. a = 0.7 i = 13 n = 27 root = 2.8096653168971e+02
100 = 1. a = 0.7 i = 13 n = 28 root = 2.9105168574958e+02
100 = 1. a = 0.7 i = 13 n = 29 root = 3.0150781578089e+02
100 = 1. a = 0.7 i = 13 n = 30 root = 3.1198482623577e+02

c
c
c

100 = 1. a = 0.7 i = 14 n = 1 root = 1.9709825837229e+01
100 = 1. a = 0.7 i = 14 n = 2 root = 2.6082388105220e+01
100 = 1. a = 0.7 i = 14 n = 3 root = 3.4162714974394e+01
100 = 1. a = 0.7 i = 14 n = 4 root = 4.3230333622889e+01
100 = 1. a = 0.7 i = 14 n = 5 root = 5.2919886930156e+01
100 = 1. a = 0.7 i = 14 n = 6 root = 6.353389986238e+01
100 = 1. a = 0.7 i = 14 n = 7 root = 7.2910420829400e+01
100 = 1. a = 0.7 i = 14 n = 8 root = 8.3086677595783e+01
100 = 1. a = 0.7 i = 14 n = 9 root = 9.3339419942131e+01
100 = 1. a = 0.7 i = 14 n = 10 root = 1.032707876835e+02
100 = 1. a = 0.7 i = 14 n = 11 root = 1.1363304622131e+02
100 = 1. a = 0.7 i = 14 n = 12 root = 1.2430518619400e+02
100 = 1. a = 0.7 i = 14 n = 13 root = 1.3457671388775e+02
100 = 1. a = 0.7 i = 14 n = 14 root = 1.4506174832232e+02
100 = 1. a = 0.7 i = 14 n = 15 root = 1.5949388868034e+02
100 = 1. a = 0.7 i = 14 n = 16 root = 1.656665180452e+02
100 = 1. a = 0.7 i = 14 n = 17 root = 1.7628176191469e+02
100 = 1. a = 0.7 i = 14 n = 18 root = 1.870338475826e+02
100 = 1. a = 0.7 i = 14 n = 19 root = 1.971304516828e+02
100 = 1. a = 0.7 i = 14 n = 20 root = 2.075821637049e+02
100 = 1. a = 0.7 i = 14 n = 21 root = 2.1799780421383e+02
100 = 1. a = 0.7 i = 14 n = 22 root = 2.2843663818185e+02
100 = 1. a = 0.7 i = 14 n = 23 root = 2.3897883789474e+02
100 = 1. a = 0.7 i = 14 n = 24 root = 2.4932330426720e+02
100 = 1. a = 0.7 i = 14 n = 25 root = 2.5977012329411e+02
100 = 1. a = 0.7 i = 14 n = 26 root = 2.7031868784949e+02
100 = 1. a = 0.7 i = 14 n = 27 root = 2.8088941136887e+02
100 = 1. a = 0.7 i = 14 n = 28 root = 2.9112190121835e+02
100 = 1. a = 0.7 i = 14 n = 29 root = 3.0197493188815e+02
100 = 1. a = 0.7 i = 14 n = 30 root = 3.126274047588e+02

```

c
c
**= 1. a 0.7 1 15 n 1 root = 2.0753301444426e+01
**= 1. a 0.7 1 15 n 2 root = 2.6940100877109e+01
**= 1. a 0.7 1 15 n 3 root = 3.4842789394120e+01
**= 1. a 0.7 1 15 n 4 root = 4.391826287434e+01
**= 1. a 0.7 1 15 n 5 root = 5.3294681500576e+01
**= 1. a 0.7 1 15 n 6 root = 6.319746219714e+01
**= 1. a 0.7 1 15 n 7 root = 7.352182794939e+01
**= 1. a 0.7 1 15 n 8 root = 8.425529421152e+01
**= 1. a 0.7 1 15 n 9 root = 9.537502707336e+01
**= 1. a 0.7 1 15 n 10 root = 1.0694250947942e+02
**= 1. a 0.7 1 15 n 11 root = 1.19149141280174e+02
**= 1. a 0.7 1 15 n 12 root = 1.24639388755e+02
**= 1. a 0.7 1 15 n 13 root = 1.349405338721e+02
**= 1. a 0.7 1 15 n 14 root = 1.452111927333e+02
**= 1. a 0.7 1 15 n 15 root = 1.556013733303e+02
**= 1. a 0.7 1 15 n 16 root = 1.660949469981e+02
**= 1. a 0.7 1 15 n 17 root = 1.7670265141152e+02
**= 1. a 0.7 1 15 n 18 root = 1.863210436194e+02
**= 1. a 0.7 1 15 n 19 root = 1.970417600108e+02
**= 1. a 0.7 1 15 n 20 root = 2.07857743605e+02
**= 1. a 0.7 1 15 n 21 root = 2.18762337369e+02
**= 1. a 0.7 1 15 n 22 root = 2.296325794746e+02
**= 1. a 0.7 1 15 n 23 root = 2.3957029447370e+02
**= 1. a 0.7 1 15 n 24 root = 2.494103187947e+02
**= 1. a 0.7 1 15 n 25 root = 2.592511408035e+02
**= 1. a 0.7 1 15 n 26 root = 2.709367898165e+02
**= 1. a 0.7 1 15 n 27 root = 2.827470462231e+02
**= 1. a 0.7 1 15 n 28 root = 2.911930338235e+02
**= 1. a 0.7 1 15 n 29 root = 3.016716348755e+02
**= 1. a 0.7 1 15 n 30 root = 3.1205949819574e+02

```

```

c
c
**= 10. a 0.1 1 1 n 1 root = 4.5076294051933e+00
**= 10. a 0.1 1 1 n 2 root = 7.8101100267125e+00
**= 10. a 0.1 1 1 n 3 root = 1.112768263532e+01
**= 10. a 0.1 1 1 n 4 root = 1.449437010311e+01
**= 10. a 0.1 1 1 n 5 root = 1.787462511938e+01
**= 10. a 0.1 1 1 n 6 root = 2.126963421944e+01
**= 10. a 0.1 1 1 n 7 root = 2.467221580852e+01
**= 10. a 0.1 1 1 n 8 root = 2.8166895746518e+01
**= 10. a 0.1 1 1 n 9 root = 3.162078994494e+01
**= 10. a 0.1 1 1 n 10 root = 3.5081632941353e+01
**= 10. a 0.1 1 1 n 11 root = 3.8549346303154e+01
**= 10. a 0.1 1 1 n 12 root = 4.2018423837405e+01
**= 10. a 0.1 1 1 n 13 root = 4.5498561929464e+01
**= 10. a 0.1 1 1 n 14 root = 4.898118776204e+01
**= 10. a 0.1 1 1 n 15 root = 5.244129498811e+01
**= 10. a 0.1 1 1 n 16 root = 5.5920047494193e+01
**= 10. a 0.1 1 1 n 17 root = 5.9400178525947e+01
**= 10. a 0.1 1 1 n 18 root = 6.2881457212598e+01
**= 10. a 0.1 1 1 n 19 root = 6.6367002063152e+01
**= 10. a 0.1 1 1 n 20 root = 6.984768202384e+01
**= 10. a 0.1 1 1 n 21 root = 7.332328421952e+01
**= 10. a 0.1 1 1 n 22 root = 7.6814894634009e+01
**= 10. a 0.1 1 1 n 23 root = 8.02939490383e+01
**= 10. a 0.1 1 1 n 24 root = 8.37637612594e+01
**= 10. a 0.1 1 1 n 25 root = 8.721208101009e+01
**= 10. a 0.1 1 1 n 26 root = 9.075718881315e+01
**= 10. a 0.1 1 1 n 27 root = 9.42938274778e+01
**= 10. a 0.1 1 1 n 28 root = 9.7730788198232e+01
**= 10. a 0.1 1 1 n 29 root = 1.0121788837711e+02
**= 10. a 0.1 1 1 n 30 root = 1.0470281175788e+02

```


c
c
c

10. a 0.1 4 n 1 root = 8.162762066763e+00
10. a 0.1 4 n 2 root = 1.1707825146627e+01
10. a 0.1 4 n 3 root = 1.5036943502931e+01
10. a 0.1 4 n 4 root = 1.8332327477338e+01
10. a 0.1 4 n 5 root = 2.1529403163746e+01
10. a 0.1 4 n 6 root = 2.4735776989179e+01
10. a 0.1 4 n 7 root = 2.7945712320575e+01
10. a 0.1 4 n 8 root = 3.1157691757395e+01
10. a 0.1 4 n 9 root = 3.4384400663339e+01
10. a 0.1 4 n 10 root = 3.7631273366651e+01
10. a 0.1 4 n 11 root = 4.0910203303071e+01
10. a 0.1 4 n 12 root = 4.4191733995308e+01
10. a 0.1 4 n 13 root = 4.7510591966667e+01
10. a 0.1 4 n 14 root = 5.0846377663074e+01
10. a 0.1 4 n 15 root = 5.420069400692e+01
10. a 0.1 4 n 16 root = 5.7570109217108e+01
10. a 0.1 4 n 17 root = 6.092516713366e+01
10. a 0.1 4 n 18 root = 6.434720773112e+01
10. a 0.1 4 n 19 root = 6.7751371374949e+01
10. a 0.1 4 n 20 root = 7.1164951391070e+01
10. a 0.1 4 n 21 root = 7.4598103751892e+01
10. a 0.1 4 n 22 root = 7.8010566697378e+01
10. a 0.1 4 n 23 root = 8.1442625703940e+01
10. a 0.1 4 n 24 root = 8.4876597720369e+01
10. a 0.1 4 n 25 root = 8.8300999693015e+01
10. a 0.1 4 n 26 root = 9.1760039130764e+01
10. a 0.1 4 n 27 root = 9.521407676829e+01
10. a 0.1 4 n 28 root = 9.8666169696052e+01
10. a 0.1 4 n 29 root = 1.0212497974957e+02
10. a 0.1 4 n 30 root = 1.05572e4576315e+02

c
c
c

10. a 0.1 5 n 1 root = 9.3956121265769e+00
10. a 0.1 5 n 2 root = 1.266253000759e+01
10. a 0.1 5 n 3 root = 1.6394719441315e+01
10. a 0.1 5 n 4 root = 2.053524262947e+01
10. a 0.1 5 n 5 root = 2.5004919531081e+01
10. a 0.1 5 n 6 root = 2.9129168917833e+01
10. a 0.1 5 n 7 root = 3.336379116533e+01
10. a 0.1 5 n 8 root = 3.763250526553e+01
10. a 0.1 5 n 9 root = 4.1733941694409e+01
10. a 0.1 5 n 10 root = 4.5835737009426e+01
10. a 0.1 5 n 11 root = 4.9150790719405e+01
10. a 0.1 5 n 12 root = 5.2381094603604e+01
10. a 0.1 5 n 13 root = 5.5530758442525e+01
10. a 0.1 5 n 14 root = 5.8504201519071e+01
10. a 0.1 5 n 15 root = 6.1393043072690e+01
10. a 0.1 5 n 16 root = 6.4503633887735e+01
10. a 0.1 5 n 17 root = 6.74333121891325e+01
10. a 0.1 5 n 18 root = 7.018452930775e+01
10. a 0.1 5 n 19 root = 7.2858102916900e+01
10. a 0.1 5 n 20 root = 7.534546989897e+01
10. a 0.1 5 n 21 root = 7.7759334449940e+01
10. a 0.1 5 n 22 root = 8.0096606011923e+01
10. a 0.1 5 n 23 root = 8.2269920546305e+01
10. a 0.1 5 n 24 root = 8.427167104601e+01
10. a 0.1 5 n 25 root = 8.6091209929991e+01
10. a 0.1 5 n 26 root = 8.7733116620992e+01
10. a 0.1 5 n 27 root = 8.917694464444e+01
10. a 0.1 5 n 28 root = 9.041928243272e+01
10. a 0.1 5 n 29 root = 9.1468763363604e+02
10. a 0.1 5 n 30 root = 1.056666326949e+02

c
c
c

10 10 .a . 0.1 i . 8 n = 1
10 10 .a . 0.1 i . 8 n = 2
10 10 .a . 0.1 i . 8 n = 3
10 10 .a . 0.1 i . 8 n = 4
10 10 .a . 0.1 i . 8 n = 5
10 10 .a . 0.1 i . 8 n = 6
10 10 .a . 0.1 i . 8 n = 7
10 10 .a . 0.1 i . 8 n = 8
10 10 .a . 0.1 i . 8 n = 9
10 10 .a . 0.1 i . 8 n = 10
10 10 .a . 0.1 i . 8 n = 11
10 10 .a . 0.1 i . 8 n = 12
10 10 .a . 0.1 i . 8 n = 13
10 10 .a . 0.1 i . 8 n = 14
10 10 .a . 0.1 i . 8 n = 15
10 10 .a . 0.1 i . 8 n = 16
10 10 .a . 0.1 i . 8 n = 17
10 10 .a . 0.1 i . 8 n = 18
10 10 .a . 0.1 i . 8 n = 19
10 10 .a . 0.1 i . 8 n = 20
10 10 .a . 0.1 i . 8 n = 21
10 10 .a . 0.1 i . 8 n = 22
10 10 .a . 0.1 i . 8 n = 23
10 10 .a . 0.1 i . 8 n = 24
10 10 .a . 0.1 i . 8 n = 25
10 10 .a . 0.1 i . 8 n = 26
10 10 .a . 0.1 i . 8 n = 27
10 10 .a . 0.1 i . 8 n = 28
10 10 .a . 0.1 i . 8 n = 29
10 10 .a . 0.1 i . 8 n = 30

root = 1.051263940871e+01
root = 1.42073624629718e+01
root = 1.78947534262077e+01
root = 2.05339467533011e+01
root = 2.4262768181411e+01
root = 2.7900001260448e+01
root = 3.073082662655e+01
root = 3.353270097791e+01
root = 3.7133679422493e+01
root = 4.0232342041985e+01
root = 4.3521222061855e+01
root = 4.6717094809735e+01
root = 4.9821708457243e+01
root = 5.313236263369e+01
root = 5.6373342026939e+01
root = 5.962603637825e+01
root = 6.2883661126235e+01
root = 6.6166002639403e+01
root = 6.9494443717698e+01
root = 7.2819405301330e+01
root = 7.6157172849907e+01
root = 7.9502370376936e+01
root = 8.2873147717800e+01
root = 8.6247626729417e+01
root = 8.963146332677e+01
root = 9.3023706943907e+01
root = 9.64233363944e+01
root = 9.9829738736946e+01
root = 1.032420686274e+02
root = 1.0665977370767e+02

c
c
c

10 10 .a . 0.1 i . 7 n = 1
10 10 .a . 0.1 i . 7 n = 2
10 10 .a . 0.1 i . 7 n = 3
10 10 .a . 0.1 i . 7 n = 4
10 10 .a . 0.1 i . 7 n = 5
10 10 .a . 0.1 i . 7 n = 6
10 10 .a . 0.1 i . 7 n = 7
10 10 .a . 0.1 i . 7 n = 8
10 10 .a . 0.1 i . 7 n = 9
10 10 .a . 0.1 i . 7 n = 10
10 10 .a . 0.1 i . 7 n = 11
10 10 .a . 0.1 i . 7 n = 12
10 10 .a . 0.1 i . 7 n = 13
10 10 .a . 0.1 i . 7 n = 14
10 10 .a . 0.1 i . 7 n = 15
10 10 .a . 0.1 i . 7 n = 16
10 10 .a . 0.1 i . 7 n = 17
10 10 .a . 0.1 i . 7 n = 18
10 10 .a . 0.1 i . 7 n = 19
10 10 .a . 0.1 i . 7 n = 20
10 10 .a . 0.1 i . 7 n = 21
10 10 .a . 0.1 i . 7 n = 22
10 10 .a . 0.1 i . 7 n = 23
10 10 .a . 0.1 i . 7 n = 24
10 10 .a . 0.1 i . 7 n = 25
10 10 .a . 0.1 i . 7 n = 26
10 10 .a . 0.1 i . 7 n = 27
10 10 .a . 0.1 i . 7 n = 28
10 10 .a . 0.1 i . 7 n = 29
10 10 .a . 0.1 i . 7 n = 30

root = 1.1057032192529e+01
root = 1.5431268211195e+01
root = 1.862698213914e+01
root = 2.0232346311110e+01
root = 2.5902657813829e+01
root = 2.987036398248e+01
root = 3.211124573032e+01
root = 3.5333371969926e+01
root = 3.8941394363425e+01
root = 4.1740264252104e+01
root = 4.492612833203e+01
root = 4.8120772633166e+01
root = 5.1308393870106e+01
root = 5.448268873304e+01
root = 5.766246657820e+01
root = 6.094088487826e+01
root = 6.42680052125e+01
root = 6.7322810460998e+01
root = 7.051722818769e+01
root = 7.36926994525e+01
root = 7.7177921516903e+01
root = 8.04699980390e+01
root = 8.3807769045759e+01
root = 8.713538418785e+01
root = 9.0462362711328e+01
root = 9.383630770731e+01
root = 9.7201763778005e+01
root = 1.0063009487823e+02
root = 1.0385749179302e+02
root = 1.07366271046782e+02

c
c
c

98 == 10. a == 0.1 i == 8 n == 1 root = 1.2730781711972e+01
98 == 10. a == 0.1 i == 8 n == 2 root = 1.6941002881942e+01
98 == 10. a == 0.1 i == 8 n == 3 root = 2.0182470765783e+01
98 == 10. a == 0.1 i == 8 n == 4 root = 2.3591274629277e+01
98 == 10. a == 0.1 i == 8 n == 5 root = 2.6927040687765e+01
98 == 10. a == 0.1 i == 8 n == 6 root = 3.0217263447699e+01
98 == 10. a == 0.1 i == 8 n == 7 root = 3.3476829114815e+01
98 == 10. a == 0.1 i == 8 n == 8 root = 3.6714546051492e+01
98 == 10. a == 0.1 i == 8 n == 9 root = 3.9936190533009e+01
98 == 10. a == 0.1 i == 8 n == 10 root = 4.3142626119897e+01
98 == 10. a == 0.1 i == 8 n == 11 root = 4.6346262369934e+01
98 == 10. a == 0.1 i == 8 n == 12 root = 4.9539533442925e+01
98 == 10. a == 0.1 i == 8 n == 13 root = 5.2728490301175e+01
98 == 10. a == 0.1 i == 8 n == 14 root = 5.5911350793666e+01
98 == 10. a == 0.1 i == 8 n == 15 root = 5.9095229316667e+01
98 == 10. a == 0.1 i == 8 n == 16 root = 6.2282036509790e+01
98 == 10. a == 0.1 i == 8 n == 17 root = 6.547266009332e+01
98 == 10. a == 0.1 i == 8 n == 18 root = 6.8673711492313e+01
98 == 10. a == 0.1 i == 8 n == 19 root = 7.188050141472e+01
98 == 10. a == 0.1 i == 8 n == 20 root = 7.511004948974e+01
98 == 10. a == 0.1 i == 8 n == 21 root = 7.8350293135147e+01
98 == 10. a == 0.1 i == 8 n == 22 root = 8.1600667741624e+01
98 == 10. a == 0.1 i == 8 n == 23 root = 8.47694473305e+01
98 == 10. a == 0.1 i == 8 n == 24 root = 8.816266166621e+01
98 == 10. a == 0.1 i == 8 n == 25 root = 9.1469811217369e+01
98 == 10. a == 0.1 i == 8 n == 26 root = 9.478946863411e+01
98 == 10. a == 0.1 i == 8 n == 27 root = 9.8115943049821e+01
98 == 10. a == 0.1 i == 8 n == 28 root = 1.0146094166393e+02
98 == 10. a == 0.1 i == 8 n == 29 root = 1.0480041582020e+02
98 == 10. a == 0.1 i == 8 n == 30 root = 1.081659130694e+02

c
c
c

98 == 10. a == 0.1 i == 9 n == 1 root = 1.3915622610505e+01
98 == 10. a == 0.1 i == 9 n == 2 root = 1.783893193206e+01
98 == 10. a == 0.1 i == 9 n == 3 root = 2.1428466872147e+01
98 == 10. a == 0.1 i == 9 n == 4 root = 2.467521324421e+01
98 == 10. a == 0.1 i == 9 n == 5 root = 2.8237134362806e+01
98 == 10. a == 0.1 i == 9 n == 6 root = 3.1250189426411e+01
98 == 10. a == 0.1 i == 9 n == 7 root = 3.4626622232621e+01
98 == 10. a == 0.1 i == 9 n == 8 root = 3.8082460507793e+01
98 == 10. a == 0.1 i == 9 n == 9 root = 4.1317870702314e+01
98 == 10. a == 0.1 i == 9 n == 10 root = 4.4539165726263e+01
98 == 10. a == 0.1 i == 9 n == 11 root = 4.7742417949464e+01
98 == 10. a == 0.1 i == 9 n == 12 root = 5.0908828949974e+01
98 == 10. a == 0.1 i == 9 n == 13 root = 5.414332323108e+01
98 == 10. a == 0.1 i == 9 n == 14 root = 5.7334577647694e+01
98 == 10. a == 0.1 i == 9 n == 15 root = 6.0519148742837e+01
98 == 10. a == 0.1 i == 9 n == 16 root = 6.3701511861303e+01
98 == 10. a == 0.1 i == 9 n == 17 root = 6.6859175750306e+01
98 == 10. a == 0.1 i == 9 n == 18 root = 7.0063213031212e+01
98 == 10. a == 0.1 i == 9 n == 19 root = 7.3233442342877e+01
98 == 10. a == 0.1 i == 9 n == 20 root = 7.6447846282622e+01
98 == 10. a == 0.1 i == 9 n == 21 root = 7.9650386300189e+01
98 == 10. a == 0.1 i == 9 n == 22 root = 8.2866193119321e+01
98 == 10. a == 0.1 i == 9 n == 23 root = 8.609492501050e+01
98 == 10. a == 0.1 i == 9 n == 24 root = 8.9326333787193e+01
98 == 10. a == 0.1 i == 9 n == 25 root = 9.25894188761908e+01
98 == 10. a == 0.1 i == 9 n == 26 root = 9.586793979432e+01
98 == 10. a == 0.1 i == 9 n == 27 root = 9.915943829526e+01
98 == 10. a == 0.1 i == 9 n == 28 root = 1.0242226318143e+02
98 == 10. a == 0.1 i == 9 n == 29 root = 1.057692972874e+02
98 == 10. a == 0.1 i == 9 n == 30 root = 1.090293097409e+02

c
c

```
50 10. a . 0.1 1 = 10 n 1 root = 1.5039489303743e+01
50 10. a . 0.1 1 = 10 n 2 root = 1.5025863036128e+01
50 10. a . 0.1 1 = 10 n 3 root = 2.836276369137e+01
50 10. a . 0.1 1 = 10 n 4 root = 2.8142767813403e+01
50 10. a . 0.1 1 = 10 n 5 root = 2.935463410811e+01
50 10. a . 0.1 1 = 10 n 6 root = 3.2571703460138e+01
50 10. a . 0.1 1 = 10 n 7 root = 3.6188157154783e+01
50 10. a . 0.1 1 = 10 n 8 root = 3.9438214387305e+01
50 10. a . 0.1 1 = 10 n 9 root = 4.235765173880e+01
50 10. a . 0.1 1 = 10 n 10 root = 4.502120389358e+01
50 10. a . 0.1 1 = 10 n 11 root = 4.914828215091e+01
50 10. a . 0.1 1 = 10 n 12 root = 5.235318941785e+01
50 10. a . 0.1 1 = 10 n 13 root = 5.599994575942e+01
50 10. a . 0.1 1 = 10 n 14 root = 5.875195707256e+01
50 10. a . 0.1 1 = 10 n 15 root = 6.1948427418116e+01
50 10. a . 0.1 1 = 10 n 16 root = 6.516345271359e+01
50 10. a . 0.1 1 = 10 n 17 root = 6.831101011600e+01
50 10. a . 0.1 1 = 10 n 18 root = 7.149143846065e+01
50 10. a . 0.1 1 = 10 n 19 root = 7.4671103651258e+01
50 10. a . 0.1 1 = 10 n 20 root = 7.7851571468849e+01
50 10. a . 0.1 1 = 10 n 21 root = 8.1035094691250e+01
50 10. a . 0.1 1 = 10 n 22 root = 8.422379162445e+01
50 10. a . 0.1 1 = 10 n 23 root = 8.742032674287e+01
50 10. a . 0.1 1 = 10 n 24 root = 9.062877103609e+01
50 10. a . 0.1 1 = 10 n 25 root = 9.384478253069e+01
50 10. a . 0.1 1 = 10 n 26 root = 9.707600702068e+01
50 10. a . 0.1 1 = 10 n 27 root = 1.003211462511e+02
50 10. a . 0.1 1 = 10 n 28 root = 1.0358046721921e+02
50 10. a . 0.1 1 = 10 n 29 root = 1.0685381942574e+02
50 10. a . 0.1 1 = 10 n 30 root = 1.1014067053574e+02
```

c
c

```
50 10. a . 0.1 1 = 11 n 1 root = 1.6144742942301e+01
50 10. a . 0.1 1 = 11 n 2 root = 2.0203943633012e+01
50 10. a . 0.1 1 = 11 n 3 root = 2.388530735688e+01
50 10. a . 0.1 1 = 11 n 4 root = 2.740129428887e+01
50 10. a . 0.1 1 = 11 n 5 root = 3.082079408945e+01
50 10. a . 0.1 1 = 11 n 6 root = 3.417347468359e+01
50 10. a . 0.1 1 = 11 n 7 root = 3.745827363891e+01
50 10. a . 0.1 1 = 11 n 8 root = 4.0788747109593e+01
50 10. a . 0.1 1 = 11 n 9 root = 4.404846253085e+01
50 10. a . 0.1 1 = 11 n 10 root = 4.7292465790175e+01
50 10. a . 0.1 1 = 11 n 11 root = 5.0524949478825e+01
50 10. a . 0.1 1 = 11 n 12 root = 5.374546507849e+01
50 10. a . 0.1 1 = 11 n 13 root = 5.6958913387882e+01
50 10. a . 0.1 1 = 11 n 14 root = 6.0160811938887e+01
50 10. a . 0.1 1 = 11 n 15 root = 6.335803702020e+01
50 10. a . 0.1 1 = 11 n 16 root = 6.6550336178819e+01
50 10. a . 0.1 1 = 11 n 17 root = 6.9737840412387e+01
50 10. a . 0.1 1 = 11 n 18 root = 7.2921598192915e+01
50 10. a . 0.1 1 = 11 n 19 root = 7.610246982413e+01
50 10. a . 0.1 1 = 11 n 20 root = 7.9281254628403e+01
50 10. a . 0.1 1 = 11 n 21 root = 8.2458193110295e+01
50 10. a . 0.1 1 = 11 n 22 root = 8.5634762514828e+01
50 10. a . 0.1 1 = 11 n 23 root = 8.8810248889313e+01
50 10. a . 0.1 1 = 11 n 24 root = 9.2006388894742e+01
50 10. a . 0.1 1 = 11 n 25 root = 9.5193828044853e+01
50 10. a . 0.1 1 = 11 n 26 root = 9.838328887143e+01
50 10. a . 0.1 1 = 11 n 27 root = 1.0160278388379e+02
50 10. a . 0.1 1 = 11 n 28 root = 1.0485287833389e+02
50 10. a . 0.1 1 = 11 n 29 root = 1.0817877839411e+02
50 10. a . 0.1 1 = 11 n 30 root = 1.1130208428077e+02
```

c
c
c

```
58 * 10. a * 0.1 | * 12 n * 1 root * 1.7250494781125e+01
58 * 10. a * 0.1 | * 12 n * 2 root * 2.137397181163e+01
58 * 10. a * 0.1 | * 12 n * 3 root * 2.5101038521008e+01
58 * 10. a * 0.1 | * 12 n * 4 root * 2.8849752521725e+01
58 * 10. a * 0.1 | * 12 n * 5 root * 3.209857672537e+01
58 * 10. a * 0.1 | * 12 n * 6 root * 3.5478013175185e+01
58 * 10. a * 0.1 | * 12 n * 7 root * 3.8813588812735e+01
58 * 10. a * 0.1 | * 12 n * 8 root * 4.2116995833025e+01
58 * 10. a * 0.1 | * 12 n * 9 root * 4.5395009442714e+01
58 * 10. a * 0.1 | * 12 n * 10 root * 4.8653704128000e+01
58 * 10. a * 0.1 | * 12 n * 11 root * 5.1887017582705e+01
58 * 10. a * 0.1 | * 12 n * 12 root * 5.5127878402465e+01
58 * 10. a * 0.1 | * 12 n * 13 root * 5.8348498405030e+01
58 * 10. a * 0.1 | * 12 n * 14 root * 6.1569873278104e+01
58 * 10. a * 0.1 | * 12 n * 15 root * 6.4789483494955e+01
58 * 10. a * 0.1 | * 12 n * 16 root * 6.7984270594699e+01
58 * 10. a * 0.1 | * 12 n * 17 root * 7.1157819594336e+01
58 * 10. a * 0.1 | * 12 n * 18 root * 7.4346873575218e+01
58 * 10. a * 0.1 | * 12 n * 19 root * 7.7532069468940e+01
58 * 10. a * 0.1 | * 12 n * 20 root * 8.0714078173273e+01
58 * 10. a * 0.1 | * 12 n * 21 root * 8.3893474431052e+01
58 * 10. a * 0.1 | * 12 n * 22 root * 8.7071023170076e+01
58 * 10. a * 0.1 | * 12 n * 23 root * 9.0247610979123e+01
58 * 10. a * 0.1 | * 12 n * 24 root * 9.342438356744e+01
58 * 10. a * 0.1 | * 12 n * 25 root * 9.6602946893024e+01
58 * 10. a * 0.1 | * 12 n * 26 root * 9.9784112529758e+01
58 * 10. a * 0.1 | * 12 n * 27 root * 1.0257033949471e+02
58 * 10. a * 0.1 | * 12 n * 28 root * 1.061840287428e+02
58 * 10. a * 0.1 | * 12 n * 29 root * 1.0930628534852e+02
58 * 10. a * 0.1 | * 12 n * 30 root * 1.1257681141073e+02
```

c
c
c

```
58 * 10. a * 0.1 | * 13 n * 1 root * 1.8351261495947e+01
58 * 10. a * 0.1 | * 13 n * 2 root * 2.2038817071120e+01
58 * 10. a * 0.1 | * 13 n * 3 root * 2.6307181951217e+01
58 * 10. a * 0.1 | * 13 n * 4 root * 3.0865515321005e+01
58 * 10. a * 0.1 | * 13 n * 5 root * 3.5363191238019e+01
58 * 10. a * 0.1 | * 13 n * 6 root * 3.9767017938240e+01
58 * 10. a * 0.1 | * 13 n * 7 root * 4.4122124123598e+01
58 * 10. a * 0.1 | * 13 n * 8 root * 4.8441622575311e+01
58 * 10. a * 0.1 | * 13 n * 9 root * 5.2774130321944e+01
58 * 10. a * 0.1 | * 13 n * 10 root * 5.7002957027185e+01
58 * 10. a * 0.1 | * 13 n * 11 root * 6.122695327851e+01
58 * 10. a * 0.1 | * 13 n * 12 root * 6.5601371361724e+01
58 * 10. a * 0.1 | * 13 n * 13 root * 6.9732171147650e+01
58 * 10. a * 0.1 | * 13 n * 14 root * 7.3916816810484e+01
58 * 10. a * 0.1 | * 13 n * 15 root * 7.8184218437346e+01
58 * 10. a * 0.1 | * 13 n * 16 root * 8.2698333210477e+01
58 * 10. a * 0.1 | * 13 n * 17 root * 8.7295555218745e+01
58 * 10. a * 0.1 | * 13 n * 18 root * 9.19794667103202e+01
58 * 10. a * 0.1 | * 13 n * 19 root * 9.6953386868800e+01
58 * 10. a * 0.1 | * 13 n * 20 root * 1.021442101492800e+01
58 * 10. a * 0.1 | * 13 n * 21 root * 1.07529467630873e+01
58 * 10. a * 0.1 | * 13 n * 22 root * 1.1305042889410e+01
58 * 10. a * 0.1 | * 13 n * 23 root * 1.1864788178910e+01
58 * 10. a * 0.1 | * 13 n * 24 root * 1.2432782317374e+01
58 * 10. a * 0.1 | * 13 n * 25 root * 1.3009328787041e+01
58 * 10. a * 0.1 | * 13 n * 26 root * 1.012116309413e+02
58 * 10. a * 0.1 | * 13 n * 27 root * 1.0438304617013e+02
58 * 10. a * 0.1 | * 13 n * 28 root * 1.0752867578823e+02
58 * 10. a * 0.1 | * 13 n * 29 root * 1.1074972098888e+02
58 * 10. a * 0.1 | * 13 n * 30 root * 1.139386258818e+02
```


c
c

50 = 10. a = 0.1 i = 14 n = 1 root = 1.9447703108055e+01
50 = 10. a = 0.1 i = 14 n = 2 root = 2.399506037471e+01
50 = 10. a = 0.1 i = 14 n = 3 root = 2.792570366049e+01
50 = 10. a = 0.1 i = 14 n = 4 root = 3.1120821413604e+01
50 = 10. a = 0.1 i = 14 n = 5 root = 3.4621128700007e+01
50 = 10. a = 0.1 i = 14 n = 6 root = 3.8047844636610e+01
50 = 10. a = 0.1 i = 14 n = 7 root = 4.1421366611461e+01
50 = 10. a = 0.1 i = 14 n = 8 root = 4.4757421788633e+01
50 = 10. a = 0.1 i = 14 n = 9 root = 4.8064439500186e+01
50 = 10. a = 0.1 i = 14 n = 10 root = 5.1349761365012e+01
50 = 10. a = 0.1 i = 14 n = 11 root = 5.4614946114453e+01
50 = 10. a = 0.1 i = 14 n = 12 root = 5.7863394512109e+01
50 = 10. a = 0.1 i = 14 n = 13 root = 6.1102571636500e+01
50 = 10. a = 0.1 i = 14 n = 14 root = 6.4334956121003e+01
50 = 10. a = 0.1 i = 14 n = 15 root = 6.7594684342353e+01
50 = 10. a = 0.1 i = 14 n = 16 root = 7.0757616362694e+01
50 = 10. a = 0.1 i = 14 n = 17 root = 7.3974356634833e+01
50 = 10. a = 0.1 i = 14 n = 18 root = 7.7173361943015e+01
50 = 10. a = 0.1 i = 14 n = 19 root = 8.0371517070361e+01
50 = 10. a = 0.1 i = 14 n = 20 root = 8.3563411460309e+01
50 = 10. a = 0.1 i = 14 n = 21 root = 8.6751946506047e+01
50 = 10. a = 0.1 i = 14 n = 22 root = 8.993362752958e+01
50 = 10. a = 0.1 i = 14 n = 23 root = 9.311826381301e+01
50 = 10. a = 0.1 i = 14 n = 24 root = 9.6297633034288e+01
50 = 10. a = 0.1 i = 14 n = 25 root = 9.9474029336572e+01
50 = 10. a = 0.1 i = 14 n = 26 root = 1.026525309374e+02
50 = 10. a = 0.1 i = 14 n = 27 root = 1.05882510267325e+02
50 = 10. a = 0.1 i = 14 n = 28 root = 1.0913393801737e+02
50 = 10. a = 0.1 i = 14 n = 29 root = 1.1241425634462e+02
50 = 10. a = 0.1 i = 14 n = 30 root = 1.15735094075255e+02

c
c

50 = 10. a = 0.1 i = 15 n = 1 root = 2.0940229825046e+01
50 = 10. a = 0.1 i = 15 n = 2 root = 2.484376297566e+01
50 = 10. a = 0.1 i = 15 n = 3 root = 2.887430203515e+01
50 = 10. a = 0.1 i = 15 n = 4 root = 3.294403636628e+01
50 = 10. a = 0.1 i = 15 n = 5 root = 3.6971194400949e+01
50 = 10. a = 0.1 i = 15 n = 6 root = 4.0946355760771e+01
50 = 10. a = 0.1 i = 15 n = 7 root = 4.4712451971517e+01
50 = 10. a = 0.1 i = 15 n = 8 root = 4.8064363699381e+01
50 = 10. a = 0.1 i = 15 n = 9 root = 5.136949973828e+01
50 = 10. a = 0.1 i = 15 n = 10 root = 5.4631788794310e+01
50 = 10. a = 0.1 i = 15 n = 11 root = 5.7861494357794e+01
50 = 10. a = 0.1 i = 15 n = 12 root = 6.106344831236e+01
50 = 10. a = 0.1 i = 15 n = 13 root = 6.423026638633e+01
50 = 10. a = 0.1 i = 15 n = 14 root = 6.7369251478902e+01
50 = 10. a = 0.1 i = 15 n = 15 root = 7.0483765259610e+01
50 = 10. a = 0.1 i = 15 n = 16 root = 7.357610466265e+01
50 = 10. a = 0.1 i = 15 n = 17 root = 7.665137427942e+01
50 = 10. a = 0.1 i = 15 n = 18 root = 7.9713605301455e+01
50 = 10. a = 0.1 i = 15 n = 19 root = 8.275944366513e+01
50 = 10. a = 0.1 i = 15 n = 20 root = 8.5797820079189e+01
50 = 10. a = 0.1 i = 15 n = 21 root = 8.88170894665776e+01
50 = 10. a = 0.1 i = 15 n = 22 root = 9.180943412466e+01
50 = 10. a = 0.1 i = 15 n = 23 root = 9.4784652510311e+01
50 = 10. a = 0.1 i = 15 n = 24 root = 9.7742891180945e+01
50 = 10. a = 0.1 i = 15 n = 25 root = 1.0068103870095e+02
50 = 10. a = 0.1 i = 15 n = 26 root = 1.0403894768244e+02
50 = 10. a = 0.1 i = 15 n = 27 root = 1.0760636717397e+02
50 = 10. a = 0.1 i = 15 n = 28 root = 1.1044629487631e+02
50 = 10. a = 0.1 i = 15 n = 29 root = 1.135141125568e+02
50 = 10. a = 0.1 i = 15 n = 30 root = 1.1678747828200e+02

c
c
c

```
50 = 10. a = 0.2 | n = 1 root = 4.639168739803e+00
50 = 10. a = 0.2 | n = 2 root = 8.2924797150085e+00
50 = 10. a = 0.2 | n = 3 root = 1.2063162070213e+01
50 = 10. a = 0.2 | n = 4 root = 1.99703764658e+01
50 = 10. a = 0.2 | n = 5 root = 1.9784603143721e+01
50 = 10. a = 0.2 | n = 6 root = 2.3690426710907e+01
50 = 10. a = 0.2 | n = 7 root = 2.794469173005e+01
50 = 10. a = 0.2 | n = 8 root = 3.1451808104785e+01
50 = 10. a = 0.2 | n = 9 root = 3.5361060089290e+01
50 = 10. a = 0.2 | n = 10 root = 3.9773690021522e+01
50 = 10. a = 0.2 | n = 11 root = 4.3189119160193e+01
50 = 10. a = 0.2 | n = 12 root = 4.7106363190439e+01
50 = 10. a = 0.2 | n = 13 root = 5.1029096536877e+01
50 = 10. a = 0.2 | n = 14 root = 5.4949011742278e+01
50 = 10. a = 0.2 | n = 15 root = 5.8876660963312e+01
50 = 10. a = 0.2 | n = 16 root = 6.2787469999653e+01
50 = 10. a = 0.2 | n = 17 root = 6.6737979786578e+01
50 = 10. a = 0.2 | n = 18 root = 7.0632519317015e+01
50 = 10. a = 0.2 | n = 19 root = 7.456274276829e+01
50 = 10. a = 0.2 | n = 20 root = 7.8476393469114e+01
50 = 10. a = 0.2 | n = 21 root = 8.2403267730305e+01
50 = 10. a = 0.2 | n = 22 root = 8.6327471353032e+01
50 = 10. a = 0.2 | n = 23 root = 9.025191791041e+01
50 = 10. a = 0.2 | n = 24 root = 9.4176577020431e+01
50 = 10. a = 0.2 | n = 25 root = 9.8101423150521e+01
50 = 10. a = 0.2 | n = 26 root = 1.0202634710504e+02
50 = 10. a = 0.2 | n = 27 root = 1.0595159324702e+02
50 = 10. a = 0.2 | n = 28 root = 1.0987683312439e+02
50 = 10. a = 0.2 | n = 29 root = 1.1380290596889e+02
50 = 10. a = 0.2 | n = 30 root = 1.1772780398674e+02
```

c
c
c

```
50 = 10. a = 0.2 | n = 1 root = 5.7876029436683e+00
50 = 10. a = 0.2 | n = 2 root = 9.2701302106104e+00
50 = 10. a = 0.2 | n = 3 root = 1.26330609770e+01
50 = 10. a = 0.2 | n = 4 root = 1.6511256826277e+01
50 = 10. a = 0.2 | n = 5 root = 2.027798462781e+01
50 = 10. a = 0.2 | n = 6 root = 2.4074321929478e+01
50 = 10. a = 0.2 | n = 7 root = 2.781272109412e+01
50 = 10. a = 0.2 | n = 8 root = 3.1772217561081e+01
50 = 10. a = 0.2 | n = 9 root = 3.5946236710835e+01
50 = 10. a = 0.2 | n = 10 root = 3.93366959824e+01
50 = 10. a = 0.2 | n = 11 root = 4.3422643669597e+01
50 = 10. a = 0.2 | n = 12 root = 4.7320431326178e+01
50 = 10. a = 0.2 | n = 13 root = 5.122668029511e+01
50 = 10. a = 0.2 | n = 14 root = 5.5129447608860e+01
50 = 10. a = 0.2 | n = 15 root = 5.903703625148e+01
50 = 10. a = 0.2 | n = 16 root = 6.2947823230071e+01
50 = 10. a = 0.2 | n = 17 root = 6.6850701750956e+01
50 = 10. a = 0.2 | n = 18 root = 7.075080094699e+01
50 = 10. a = 0.2 | n = 19 root = 7.4650750293252e+01
50 = 10. a = 0.2 | n = 20 root = 7.8507671465105e+01
50 = 10. a = 0.2 | n = 21 root = 8.235329138782e+01
50 = 10. a = 0.2 | n = 22 root = 8.614968276889e+01
50 = 10. a = 0.2 | n = 23 root = 8.9933603378517e+01
50 = 10. a = 0.2 | n = 24 root = 9.468004033009e+01
50 = 10. a = 0.2 | n = 25 root = 9.8203602729943e+01
50 = 10. a = 0.2 | n = 26 root = 1.0212462657328e+02
50 = 10. a = 0.2 | n = 27 root = 1.0604844683325e+02
50 = 10. a = 0.2 | n = 28 root = 1.0996683378774e+02
50 = 10. a = 0.2 | n = 29 root = 1.1388057872089e+02
50 = 10. a = 0.2 | n = 30 root = 1.1781313631780e+02
```

c
c
c

10. a^m 0.2 1^m 3 n^m 1 root = 6.9913667591771e+00
10. a^m 0.2 1^m 3 n^m 2 root = 1.04456391997011e+01
10. a^m 0.2 1^m 3 n^m 3 root = 1.3692162094115e+01
10. a^m 0.2 1^m 3 n^m 4 root = 1.7363207441268e+01
10. a^m 0.2 1^m 3 n^m 5 root = 2.1007917613915e+01
10. a^m 0.2 1^m 3 n^m 6 root = 2.4704146994821e+01
10. a^m 0.2 1^m 3 n^m 7 root = 2.845766666915e+01
10. a^m 0.2 1^m 3 n^m 8 root = 3.2251946339996e+01
10. a^m 0.2 1^m 3 n^m 9 root = 3.6073394100695e+01
10. a^m 0.2 1^m 3 n^m 10 root = 3.991929703979e+01
10. a^m 0.2 1^m 3 n^m 11 root = 4.3772746176213e+01
10. a^m 0.2 1^m 3 n^m 12 root = 4.7641427769952e+01
10. a^m 0.2 1^m 3 n^m 13 root = 5.151697000009e+01
10. a^m 0.2 1^m 3 n^m 14 root = 5.540257420995e+01
10. a^m 0.2 1^m 3 n^m 15 root = 5.9293781299575e+01
10. a^m 0.2 1^m 3 n^m 16 root = 6.3189573213629e+01
10. a^m 0.2 1^m 3 n^m 17 root = 6.7097147692212e+01
10. a^m 0.2 1^m 3 n^m 18 root = 7.099876936977e+01
10. a^m 0.2 1^m 3 n^m 19 root = 7.489369099137e+01
10. a^m 0.2 1^m 3 n^m 20 root = 7.878992176277e+01
10. a^m 0.2 1^m 3 n^m 21 root = 8.2709514176395e+01
10. a^m 0.2 1^m 3 n^m 22 root = 8.6618769099322e+01
10. a^m 0.2 1^m 3 n^m 23 root = 9.053092016999e+01
10. a^m 0.2 1^m 3 n^m 24 root = 9.4444350727499e+01
10. a^m 0.2 1^m 3 n^m 25 root = 9.8357629392110e+01
10. a^m 0.2 1^m 3 n^m 26 root = 1.022727439251e+02
10. a^m 0.2 1^m 3 n^m 27 root = 1.0619874061514e+02
10. a^m 0.2 1^m 3 n^m 28 root = 1.101095247579e+02
10. a^m 0.2 1^m 3 n^m 29 root = 1.140230149773e+02
10. a^m 0.2 1^m 3 n^m 30 root = 1.1794114006916e+02

c
c
c

10. a^m 0.2 1^m 4 n^m 1 root = 8.1829950034205e+00
10. a^m 0.2 1^m 4 n^m 2 root = 1.1713691379222e+01
10. a^m 0.2 1^m 4 n^m 3 root = 1.509316490299e+01
10. a^m 0.2 1^m 4 n^m 4 root = 1.8469294906339e+01
10. a^m 0.2 1^m 4 n^m 5 root = 2.1951694770773e+01
10. a^m 0.2 1^m 4 n^m 6 root = 2.5539929719593e+01
10. a^m 0.2 1^m 4 n^m 7 root = 2.9179176441939e+01
10. a^m 0.2 1^m 4 n^m 8 root = 3.2899162729150e+01
10. a^m 0.2 1^m 4 n^m 9 root = 3.664169469401e+01
10. a^m 0.2 1^m 4 n^m 10 root = 4.049113014777e+01
10. a^m 0.2 1^m 4 n^m 11 root = 4.4239391019390e+01
10. a^m 0.2 1^m 4 n^m 12 root = 4.8069312319812e+01
10. a^m 0.2 1^m 4 n^m 13 root = 5.191439879299e+01
10. a^m 0.2 1^m 4 n^m 14 root = 5.5770400340775e+01
10. a^m 0.2 1^m 4 n^m 15 root = 5.9636116741571e+01
10. a^m 0.2 1^m 4 n^m 16 root = 6.3509496249265e+01
10. a^m 0.2 1^m 4 n^m 17 root = 6.7399099717420e+01
10. a^m 0.2 1^m 4 n^m 18 root = 7.1273994395037e+01
10. a^m 0.2 1^m 4 n^m 19 root = 7.5153319392971e+01
10. a^m 0.2 1^m 4 n^m 20 root = 7.9029413051799e+01
10. a^m 0.2 1^m 4 n^m 21 root = 8.2902739999913e+01
10. a^m 0.2 1^m 4 n^m 22 root = 8.6763946944749e+01
10. a^m 0.2 1^m 4 n^m 23 root = 9.0614092999495e+01
10. a^m 0.2 1^m 4 n^m 24 root = 9.445707328770e+01
10. a^m 0.2 1^m 4 n^m 25 root = 9.8292614929949e+01
10. a^m 0.2 1^m 4 n^m 26 root = 1.0214999109409e+02
10. a^m 0.2 1^m 4 n^m 27 root = 1.0637847599453e+02
10. a^m 0.2 1^m 4 n^m 28 root = 1.1099949429573e+02
10. a^m 0.2 1^m 4 n^m 29 root = 1.1499999999999e+02
10. a^m 0.2 1^m 4 n^m 30 root = 1.1811182740399e+02

```

c
c
c
10. a . 0.2 | 5 n = 1 root = 9.399992740418e+00
10. a . 0.2 | 5 n = 2 root = 1.295794920513e+01
10. a . 0.2 | 5 n = 3 root = 1.6387515718189e+01
10. a . 0.2 | 5 n = 4 root = 1.971348743710e+01
10. a . 0.2 | 5 n = 5 root = 2.3087527900413e+01
10. a . 0.2 | 5 n = 6 root = 2.6509949340103e+01
10. a . 0.2 | 5 n = 7 root = 3.008017622316e+01
10. a . 0.2 | 5 n = 8 root = 3.3879251030225e+01
10. a . 0.2 | 5 n = 9 root = 3.7950146203970e+01
10. a . 0.2 | 5 n = 10 root = 4.108811476166e+01
10. a . 0.2 | 5 n = 11 root = 4.4652158462314e+01
10. a . 0.2 | 5 n = 12 root = 4.8604099329438e+01
10. a . 0.2 | 5 n = 13 root = 5.2407695157824e+01
10. a . 0.2 | 5 n = 14 root = 5.6253557123914e+01
10. a . 0.2 | 5 n = 15 root = 6.0094114694434e+01
10. a . 0.2 | 5 n = 16 root = 6.3910943789104e+01
10. a . 0.2 | 5 n = 17 root = 6.768616162338e+01
10. a . 0.2 | 5 n = 18 root = 7.163049969420e+01
10. a . 0.2 | 5 n = 19 root = 7.550094911898e+01
10. a . 0.2 | 5 n = 20 root = 7.937084931896e+01
10. a . 0.2 | 5 n = 21 root = 8.3249071166169e+01
10. a . 0.2 | 5 n = 22 root = 8.714324981743e+01
10. a . 0.2 | 5 n = 23 root = 9.1032063491723e+01
10. a . 0.2 | 5 n = 24 root = 9.4924406918036e+01
10. a . 0.2 | 5 n = 25 root = 9.8818980477024e+01
10. a . 0.2 | 5 n = 26 root = 1.0271617399493e+02
10. a . 0.2 | 5 n = 27 root = 1.0661957029254e+02
10. a . 0.2 | 5 n = 28 root = 1.1051714073456e+02
10. a . 0.2 | 5 n = 29 root = 1.1442037430247e+02
10. a . 0.2 | 5 n = 30 root = 1.1832519841453e+02

```

```

c
c
c
10. a . 0.2 | 6 n = 1 root = 1.0512940992935e+01
10. a . 0.2 | 6 n = 2 root = 1.4207607819480e+01
10. a . 0.2 | 6 n = 3 root = 1.7650584937315e+01
10. a . 0.2 | 6 n = 4 root = 2.093297667883e+01
10. a . 0.2 | 6 n = 5 root = 2.432729349348e+01
10. a . 0.2 | 6 n = 6 root = 2.7666756193069e+01
10. a . 0.2 | 6 n = 7 root = 3.11356632495e+01
10. a . 0.2 | 6 n = 8 root = 3.4618922004943e+01
10. a . 0.2 | 6 n = 9 root = 3.8196501844346e+01
10. a . 0.2 | 6 n = 10 root = 4.189484951475e+01
10. a . 0.2 | 6 n = 11 root = 4.5921308916208e+01
10. a . 0.2 | 6 n = 12 root = 4.924669473392e+01
10. a . 0.2 | 6 n = 13 root = 5.3006805316977e+01
10. a . 0.2 | 6 n = 14 root = 5.677926494145e+01
10. a . 0.2 | 6 n = 15 root = 6.0577941110307e+01
10. a . 0.2 | 6 n = 16 root = 6.4392294019570e+01
10. a . 0.2 | 6 n = 17 root = 6.8215919039359e+01
10. a . 0.2 | 6 n = 18 root = 7.2058377583429e+01
10. a . 0.2 | 6 n = 19 root = 7.592271198146e+01
10. a . 0.2 | 6 n = 20 root = 7.976201121020e+01
10. a . 0.2 | 6 n = 21 root = 8.35457434220e+01
10. a . 0.2 | 6 n = 22 root = 8.743003303765e+01
10. a . 0.2 | 6 n = 23 root = 9.132533094817e+01
10. a . 0.2 | 6 n = 24 root = 9.524443367035e+01
10. a . 0.2 | 6 n = 25 root = 9.9189480788124e+01
10. a . 0.2 | 6 n = 26 root = 1.030188483031e+02
10. a . 0.2 | 6 n = 27 root = 1.069000666995e+02
10. a . 0.2 | 6 n = 28 root = 1.1079180606999e+02
10. a . 0.2 | 6 n = 29 root = 1.14688333162293e+02
10. a . 0.2 | 6 n = 30 root = 1.1869128000094e+02

```

c
c
c

```
56 = 10. a = 0.2 l = 7 n = 1 root = 1.1667032767619e+01
56 = 10. a = 0.2 l = 7 n = 2 root = 1.5931319366366e+01
56 = 10. a = 0.2 l = 7 n = 3 root = 1.8929477170293e+01
56 = 10. a = 0.2 l = 7 n = 4 root = 2.2299189620269e+01
56 = 10. a = 0.2 l = 7 n = 5 root = 2.5522699999319e+01
56 = 10. a = 0.2 l = 7 n = 6 root = 2.837216732975e+01
56 = 10. a = 0.2 l = 7 n = 7 root = 3.2265071336159e+01
56 = 10. a = 0.2 l = 7 n = 8 root = 3.599441716966e+01
56 = 10. a = 0.2 l = 7 n = 9 root = 3.917636933066e+01
56 = 10. a = 0.2 l = 7 n = 10 root = 4.2762631699511e+01
56 = 10. a = 0.2 l = 7 n = 11 root = 4.633943797412e+01
56 = 10. a = 0.2 l = 7 n = 12 root = 4.939491916462e+01
56 = 10. a = 0.2 l = 7 n = 13 root = 5.3992750715099e+01
56 = 10. a = 0.2 l = 7 n = 14 root = 5.7432392743516e+01
56 = 10. a = 0.2 l = 7 n = 15 root = 6.117392623616e+01
56 = 10. a = 0.2 l = 7 n = 16 root = 6.499462251945e+01
56 = 10. a = 0.2 l = 7 n = 17 root = 6.8746324576190e+01
56 = 10. a = 0.2 l = 7 n = 18 root = 7.257392942927e+01
56 = 10. a = 0.2 l = 7 n = 19 root = 7.6379341023055e+01
56 = 10. a = 0.2 l = 7 n = 20 root = 8.0211316077052e+01
56 = 10. a = 0.2 l = 7 n = 21 root = 8.4052352500746e+01
56 = 10. a = 0.2 l = 7 n = 22 root = 8.7901219933906e+01
56 = 10. a = 0.2 l = 7 n = 23 root = 9.175939460794e+01
56 = 10. a = 0.2 l = 7 n = 24 root = 9.5618530939377e+01
56 = 10. a = 0.2 l = 7 n = 25 root = 9.9465410522130e+01
56 = 10. a = 0.2 l = 7 n = 26 root = 1.0339992921795e+02
56 = 10. a = 0.2 l = 7 n = 27 root = 1.073257053760e+02
56 = 10. a = 0.2 l = 7 n = 28 root = 1.111169212746e+02
56 = 10. a = 0.2 l = 7 n = 29 root = 1.1495945125790e+02
56 = 10. a = 0.2 l = 7 n = 30 root = 1.1899010133932e+02
```

c
c
c

```
56 = 10. a = 0.2 l = 8 n = 1 root = 1.2790781770340e+01
56 = 10. a = 0.2 l = 8 n = 2 root = 1.6941036361600e+01
56 = 10. a = 0.2 l = 8 n = 3 root = 2.018295039009e+01
56 = 10. a = 0.2 l = 8 n = 4 root = 2.3962073932397e+01
56 = 10. a = 0.2 l = 8 n = 5 root = 2.6526012911157e+01
56 = 10. a = 0.2 l = 8 n = 6 root = 3.0236950239576e+01
56 = 10. a = 0.2 l = 8 n = 7 root = 3.3944792103397e+01
56 = 10. a = 0.2 l = 8 n = 8 root = 3.6989912519531e+01
56 = 10. a = 0.2 l = 8 n = 9 root = 4.0277946294701e+01
56 = 10. a = 0.2 l = 8 n = 10 root = 4.3793182300940e+01
56 = 10. a = 0.2 l = 8 n = 11 root = 4.7666262094946e+01
56 = 10. a = 0.2 l = 8 n = 12 root = 5.095118944325e+01
56 = 10. a = 0.2 l = 8 n = 13 root = 5.44949523690946e+01
56 = 10. a = 0.2 l = 8 n = 14 root = 5.8199017392959e+01
56 = 10. a = 0.2 l = 8 n = 15 root = 6.1894425046382e+01
56 = 10. a = 0.2 l = 8 n = 16 root = 6.5990790195040e+01
56 = 10. a = 0.2 l = 8 n = 17 root = 6.9994276157905e+01
56 = 10. a = 0.2 l = 8 n = 18 root = 7.3129397524771e+01
56 = 10. a = 0.2 l = 8 n = 19 root = 7.692049461103e+01
56 = 10. a = 0.2 l = 8 n = 20 root = 8.072519936399e+01
56 = 10. a = 0.2 l = 8 n = 21 root = 8.49491999176103e+01
56 = 10. a = 0.2 l = 8 n = 22 root = 8.999662925076e+01
56 = 10. a = 0.2 l = 8 n = 23 root = 9.203293997995e+01
56 = 10. a = 0.2 l = 8 n = 24 root = 9.6046199990336e+01
56 = 10. a = 0.2 l = 8 n = 25 root = 9.9999911012939e+01
56 = 10. a = 0.2 l = 8 n = 26 root = 1.0375143819329e+02
56 = 10. a = 0.2 l = 8 n = 27 root = 1.0761237999160e+02
56 = 10. a = 0.2 l = 8 n = 28 root = 1.1147849434945e+02
56 = 10. a = 0.2 l = 8 n = 29 root = 1.1534795697307e+02
56 = 10. a = 0.2 l = 8 n = 30 root = 1.193217004689e+02
```

```

c
c
c
**= 10. a= 0.2 | = 9 n= 1 root = 1.3919832616275e+01
**= 10. a= 0.2 | = 9 n= 2 root = 1.783294328111e+01
**= 10. a= 0.2 | = 9 n= 3 root = 2.1428493340443e+01
**= 10. a= 0.2 | = 9 n= 4 root = 2.4873320119427e+01
**= 10. a= 0.2 | = 9 n= 5 root = 2.823278448326e+01
**= 10. a= 0.2 | = 9 n= 6 root = 3.1228161947250e+01
**= 10. a= 0.2 | = 9 n= 7 root = 3.4051690666205e+01
**= 10. a= 0.2 | = 9 n= 8 root = 3.6150765300947e+01
**= 10. a= 0.2 | = 9 n= 9 root = 4.1482653310425e+01
**= 10. a= 0.2 | = 9 n= 10 root = 4.465246232713e+01
**= 10. a= 0.2 | = 9 n= 11 root = 4.8303943603894e+01
**= 10. a= 0.2 | = 9 n= 12 root = 5.181341326013e+01
**= 10. a= 0.2 | = 9 n= 13 root = 5.5376113367612e+01
**= 10. a= 0.2 | = 9 n= 14 root = 5.8989899466745e+01
**= 10. a= 0.2 | = 9 n= 15 root = 6.253230657723e+01
**= 10. a= 0.2 | = 9 n= 16 root = 6.632225316765e+01
**= 10. a= 0.2 | = 9 n= 17 root = 7.0036365911912e+01
**= 10. a= 0.2 | = 9 n= 18 root = 7.377210940428e+01
**= 10. a= 0.2 | = 9 n= 19 root = 7.7530023531574e+01
**= 10. a= 0.2 | = 9 n= 20 root = 8.130340743128e+01
**= 10. a= 0.2 | = 9 n= 21 root = 8.5084622463004e+01
**= 10. a= 0.2 | = 9 n= 22 root = 8.887324261343e+01
**= 10. a= 0.2 | = 9 n= 23 root = 9.2705780189312e+01
**= 10. a= 0.2 | = 9 n= 24 root = 9.6527951856224e+01
**= 10. a= 0.2 | = 9 n= 25 root = 1.003577832626e+02
**= 10. a= 0.2 | = 9 n= 26 root = 1.0419549472592e+02
**= 10. a= 0.2 | = 9 n= 27 root = 1.0803862626904e+02
**= 10. a= 0.2 | = 9 n= 28 root = 1.1188014193657e+02
**= 10. a= 0.2 | = 9 n= 29 root = 1.1574574678070e+02
**= 10. a= 0.2 | = 9 n= 30 root = 1.196061332820e+02

```

```

c
c
c
**= 10. a= 0.2 | = 10 n= 1 root = 1.503346904302e+01
**= 10. a= 0.2 | = 10 n= 2 root = 1.90295328465e+01
**= 10. a= 0.2 | = 10 n= 3 root = 2.266272472903e+01
**= 10. a= 0.2 | = 10 n= 4 root = 2.6142794311325e+01
**= 10. a= 0.2 | = 10 n= 5 root = 2.95467468294e+01
**= 10. a= 0.2 | = 10 n= 6 root = 3.2872029201985e+01
**= 10. a= 0.2 | = 10 n= 7 root = 3.6174391709495e+01
**= 10. a= 0.2 | = 10 n= 8 root = 3.942237475288e+01
**= 10. a= 0.2 | = 10 n= 9 root = 4.27262323831e+01
**= 10. a= 0.2 | = 10 n= 10 root = 4.607806395682e+01
**= 10. a= 0.2 | = 10 n= 11 root = 4.944694694945e+01
**= 10. a= 0.2 | = 10 n= 12 root = 5.2878170133588e+01
**= 10. a= 0.2 | = 10 n= 13 root = 5.636987253268e+01
**= 10. a= 0.2 | = 10 n= 14 root = 5.99094905262e+01
**= 10. a= 0.2 | = 10 n= 15 root = 6.34928277674e+01
**= 10. a= 0.2 | = 10 n= 16 root = 6.713082507274e+01
**= 10. a= 0.2 | = 10 n= 17 root = 7.07992811767e+01
**= 10. a= 0.2 | = 10 n= 18 root = 7.4483281447611e+01
**= 10. a= 0.2 | = 10 n= 19 root = 7.8285050375204e+01
**= 10. a= 0.2 | = 10 n= 20 root = 8.1947994663711e+01
**= 10. a= 0.2 | = 10 n= 21 root = 8.5705376914530e+01
**= 10. a= 0.2 | = 10 n= 22 root = 8.947830474359e+01
**= 10. a= 0.2 | = 10 n= 23 root = 9.329470932818e+01
**= 10. a= 0.2 | = 10 n= 24 root = 9.705291397927e+01
**= 10. a= 0.2 | = 10 n= 25 root = 1.008714692036e+02
**= 10. a= 0.2 | = 10 n= 26 root = 1.0468823953265e+02
**= 10. a= 0.2 | = 10 n= 27 root = 1.0851512710273e+02
**= 10. a= 0.2 | = 10 n= 28 root = 1.1234628949180e+02
**= 10. a= 0.2 | = 10 n= 29 root = 1.1618792250949e+02
**= 10. a= 0.2 | = 10 n= 30 root = 1.2003347827982e+02

```

c
c

```
10 * 10. a^m 0.2 1^m 11 n^m 1 root = 1.611447294239e+01
10 * 10. a^m 0.2 1^m 11 n^m 2 root = 2.0203946303995e+01
10 * 10. a^m 0.2 1^m 11 n^m 3 root = 2.339520100937e+01
10 * 10. a^m 0.2 1^m 11 n^m 4 root = 2.7401263674990e+01
10 * 10. a^m 0.2 1^m 11 n^m 5 root = 3.0820947793371e+01
10 * 10. a^m 0.2 1^m 11 n^m 6 root = 3.417991194955e+01
10 * 10. a^m 0.2 1^m 11 n^m 7 root = 3.7490050053999e+01
10 * 10. a^m 0.2 1^m 11 n^m 8 root = 4.076030569617e+01
10 * 10. a^m 0.2 1^m 11 n^m 9 root = 4.4071399467026e+01
10 * 10. a^m 0.2 1^m 11 n^m 10 root = 4.735999126631e+01
10 * 10. a^m 0.2 1^m 11 n^m 11 root = 5.0679999392112e+01
10 * 10. a^m 0.2 1^m 11 n^m 12 root = 5.4039999713537e+01
10 * 10. a^m 0.2 1^m 11 n^m 13 root = 5.745251169910e+01
10 * 10. a^m 0.2 1^m 11 n^m 14 root = 6.0924759199990e+01
10 * 10. a^m 0.2 1^m 11 n^m 15 root = 6.444977199904e+01
10 * 10. a^m 0.2 1^m 11 n^m 16 root = 6.802159494461e+01
10 * 10. a^m 0.2 1^m 11 n^m 17 root = 7.1633760929067e+01
10 * 10. a^m 0.2 1^m 11 n^m 18 root = 7.530036977499e+01
10 * 10. a^m 0.2 1^m 11 n^m 19 root = 7.902992122934e+01
10 * 10. a^m 0.2 1^m 11 n^m 20 root = 8.2827927810578e+01
10 * 10. a^m 0.2 1^m 11 n^m 21 root = 8.6690780339516e+01
10 * 10. a^m 0.2 1^m 11 n^m 22 root = 9.062941606299e+01
10 * 10. a^m 0.2 1^m 11 n^m 23 root = 9.4649367332409e+01
10 * 10. a^m 0.2 1^m 11 n^m 24 root = 9.8756251399750e+01
10 * 10. a^m 0.2 1^m 11 n^m 25 root = 1.0143716129799e+02
10 * 10. a^m 0.2 1^m 11 n^m 26 root = 1.0423993593902e+02
10 * 10. a^m 0.2 1^m 11 n^m 27 root = 1.0593939993002e+02
10 * 10. a^m 0.2 1^m 11 n^m 28 root = 1.1292601112799e+02
10 * 10. a^m 0.2 1^m 11 n^m 29 root = 1.18974693927e+02
10 * 10. a^m 0.2 1^m 11 n^m 30 root = 1.2050393147999e+02
```

c
c

```
10 * 10. a^m 0.2 1^m 12 n^m 1 root = 1.7250494794131e+01
10 * 10. a^m 0.2 1^m 12 n^m 2 root = 2.1373970191992e+01
10 * 10. a^m 0.2 1^m 12 n^m 3 root = 2.5101039995151e+01
10 * 10. a^m 0.2 1^m 12 n^m 4 root = 2.89479999929e+01
10 * 10. a^m 0.2 1^m 12 n^m 5 root = 3.2999999994099e+01
10 * 10. a^m 0.2 1^m 12 n^m 6 root = 3.7499999994922e+01
10 * 10. a^m 0.2 1^m 12 n^m 7 root = 3.891443002993e+01
10 * 10. a^m 0.2 1^m 12 n^m 8 root = 4.2119099314994e+01
10 * 10. a^m 0.2 1^m 12 n^m 9 root = 4.540316329799e+01
10 * 10. a^m 0.2 1^m 12 n^m 10 root = 4.8679179941050e+01
10 * 10. a^m 0.2 1^m 12 n^m 11 root = 5.1993157094790e+01
10 * 10. a^m 0.2 1^m 12 n^m 12 root = 5.5277931699999e+01
10 * 10. a^m 0.2 1^m 12 n^m 13 root = 5.86292571579999e+01
10 * 10. a^m 0.2 1^m 12 n^m 14 root = 6.2029391162990e+01
10 * 10. a^m 0.2 1^m 12 n^m 15 root = 6.5494909299979e+01
10 * 10. a^m 0.2 1^m 12 n^m 16 root = 6.9999999994949e+01
10 * 10. a^m 0.2 1^m 12 n^m 17 root = 7.295999913960e+01
10 * 10. a^m 0.2 1^m 12 n^m 18 root = 7.6149416374182e+01
10 * 10. a^m 0.2 1^m 12 n^m 19 root = 7.974929900219e+01
10 * 10. a^m 0.2 1^m 12 n^m 20 root = 8.3434294992104e+01
10 * 10. a^m 0.2 1^m 12 n^m 21 root = 8.7119999992742e+01
10 * 10. a^m 0.2 1^m 12 n^m 22 root = 9.0999999217999e+01
10 * 10. a^m 0.2 1^m 12 n^m 23 root = 9.4993169129271e+01
10 * 10. a^m 0.2 1^m 12 n^m 24 root = 9.89971233777e+01
10 * 10. a^m 0.2 1^m 12 n^m 25 root = 1.0309999999999e+02
10 * 10. a^m 0.2 1^m 12 n^m 26 root = 1.0939999799990e+02
10 * 10. a^m 0.2 1^m 12 n^m 27 root = 1.0990979499997e+02
10 * 10. a^m 0.2 1^m 12 n^m 28 root = 1.1943330001819e+02
10 * 10. a^m 0.2 1^m 12 n^m 29 root = 1.1799311449999e+02
10 * 10. a^m 0.2 1^m 12 n^m 30 root = 1.2101733923146e+02
```

c
c
c

56 = 10. a a 0.2 1 = 13 n = 1 root = 1.8251261429345e+01
56 = 10. a a 0.2 1 = 13 n = 2 root = 2.2530817071208e+01
56 = 10. a a 0.2 1 = 13 n = 3 root = 2.6307181388981e+01
56 = 10. a a 0.2 1 = 13 n = 4 root = 2.9893516428517e+01
56 = 10. a a 0.2 1 = 13 n = 5 root = 3.3383192714804e+01
56 = 10. a a 0.2 1 = 13 n = 6 root = 3.6787832131094e+01
56 = 10. a a 0.2 1 = 13 n = 7 root = 4.0122324949517e+01
56 = 10. a a 0.2 1 = 13 n = 8 root = 4.3442172122339e+01
56 = 10. a a 0.2 1 = 13 n = 9 root = 4.6735333914752e+01
56 = 10. a a 0.2 1 = 13 n = 10 root = 5.0014233439215e+01
56 = 10. a a 0.2 1 = 13 n = 11 root = 5.3286351157306e+01
56 = 10. a a 0.2 1 = 13 n = 12 root = 5.656202393493e+01
56 = 10. a a 0.2 1 = 13 n = 13 root = 5.9771959774492e+01
56 = 10. a a 0.2 1 = 13 n = 14 root = 6.301944746233e+01
56 = 10. a a 0.2 1 = 13 n = 15 root = 6.620840413697e+01
56 = 10. a a 0.2 1 = 13 n = 16 root = 7.0252961695134e+01
56 = 10. a a 0.2 1 = 13 n = 17 root = 7.3949321198204e+01
56 = 10. a a 0.2 1 = 13 n = 18 root = 7.769532933935e+01
56 = 10. a a 0.2 1 = 13 n = 19 root = 8.069494726758e+01
56 = 10. a a 0.2 1 = 13 n = 20 root = 8.4278124929336e+01
56 = 10. a a 0.2 1 = 13 n = 21 root = 8.7921886303435e+01
56 = 10. a a 0.2 1 = 13 n = 22 root = 9.1591340277745e+01
56 = 10. a a 0.2 1 = 13 n = 23 root = 9.5283725763635e+01
56 = 10. a a 0.2 1 = 13 n = 24 root = 9.8995923236232e+01
56 = 10. a a 0.2 1 = 13 n = 25 root = 1.027259780573e+02
56 = 10. a a 0.2 1 = 13 n = 26 root = 1.0647082967947e+02
56 = 10. a a 0.2 1 = 13 n = 27 root = 1.1022322406143e+02
56 = 10. a a 0.2 1 = 13 n = 28 root = 1.1400050469436e+02
56 = 10. a a 0.2 1 = 13 n = 29 root = 1.178249418772e+02
56 = 10. a a 0.2 1 = 13 n = 30 root = 1.2157419550217e+02

c
c
c

56 = 10. a a 0.2 1 = 14 n = 1 root = 1.9447703100095e+01
56 = 10. a a 0.2 1 = 14 n = 2 root = 2.3693208037461e+01
56 = 10. a a 0.2 1 = 14 n = 3 root = 2.7507530814404e+01
56 = 10. a a 0.2 1 = 14 n = 4 root = 3.1120521462737e+01
56 = 10. a a 0.2 1 = 14 n = 5 root = 3.4621122943733e+01
56 = 10. a a 0.2 1 = 14 n = 6 root = 3.8047247246658e+01
56 = 10. a a 0.2 1 = 14 n = 7 root = 4.1421421105993e+01
56 = 10. a a 0.2 1 = 14 n = 8 root = 4.475753570997e+01
56 = 10. a a 0.2 1 = 14 n = 9 root = 4.8055099451946e+01
56 = 10. a a 0.2 1 = 14 n = 10 root = 5.1251416832797e+01
56 = 10. a a 0.2 1 = 14 n = 11 root = 5.4427359397725e+01
56 = 10. a a 0.2 1 = 14 n = 12 root = 5.7692210783083e+01
56 = 10. a a 0.2 1 = 14 n = 13 root = 6.118937270945e+01
56 = 10. a a 0.2 1 = 14 n = 14 root = 6.4693021752295e+01
56 = 10. a a 0.2 1 = 14 n = 15 root = 6.7806147574117e+01
56 = 10. a a 0.2 1 = 14 n = 16 root = 7.1189339472059e+01
56 = 10. a a 0.2 1 = 14 n = 17 root = 7.4621675073963e+01
56 = 10. a a 0.2 1 = 14 n = 18 root = 7.8102029566735e+01
56 = 10. a a 0.2 1 = 14 n = 19 root = 8.1629224763300e+01
56 = 10. a a 0.2 1 = 14 n = 20 root = 8.53036602501e+01
56 = 10. a a 0.2 1 = 14 n = 21 root = 8.8788776933158e+01
56 = 10. a a 0.2 1 = 14 n = 22 root = 9.2417099412325e+01
56 = 10. a a 0.2 1 = 14 n = 23 root = 9.6072698150477e+01
56 = 10. a a 0.2 1 = 14 n = 24 root = 9.750238895773e+01
56 = 10. a a 0.2 1 = 14 n = 25 root = 1.034948837844e+02
56 = 10. a a 0.2 1 = 14 n = 26 root = 1.071893769935e+02
56 = 10. a a 0.2 1 = 14 n = 27 root = 1.108533094657e+02
56 = 10. a a 0.2 1 = 14 n = 28 root = 1.1494461633683e+02
56 = 10. a a 0.2 1 = 14 n = 29 root = 1.184036773381e+02
56 = 10. a a 0.2 1 = 14 n = 30 root = 1.2217452070081e+02

c
c
c

```
50 * 10. a^m 0.2 1^m 15 n^m 1 root = 2.094029925040e+01
50 * 10. a^m 0.2 1^m 15 n^m 2 root = 2.469376292797e+01
50 * 10. a^m 0.2 1^m 15 n^m 3 root = 2.899743099399e+01
50 * 10. a^m 0.2 1^m 15 n^m 4 root = 3.294440363874e+01
50 * 10. a^m 0.2 1^m 15 n^m 5 root = 3.657115443626e+01
50 * 10. a^m 0.2 1^m 15 n^m 6 root = 3.991930627993e+01
50 * 10. a^m 0.2 1^m 15 n^m 7 root = 4.2712466246110e+01
50 * 10. a^m 0.2 1^m 15 n^m 8 root = 4.602646321730e+01
50 * 10. a^m 0.2 1^m 15 n^m 9 root = 4.9368894631880e+01
50 * 10. a^m 0.2 1^m 15 n^m 10 root = 5.2684469467077e+01
50 * 10. a^m 0.2 1^m 15 n^m 11 root = 5.599330473452e+01
50 * 10. a^m 0.2 1^m 15 n^m 12 root = 5.923284941959e+01
50 * 10. a^m 0.2 1^m 15 n^m 13 root = 6.2497811295370e+01
50 * 10. a^m 0.2 1^m 15 n^m 14 root = 6.577141320120e+01
50 * 10. a^m 0.2 1^m 15 n^m 15 root = 6.905710619534e+01
50 * 10. a^m 0.2 1^m 15 n^m 16 root = 7.235784699199e+01
50 * 10. a^m 0.2 1^m 15 n^m 17 root = 7.577175276938e+01
50 * 10. a^m 0.2 1^m 15 n^m 18 root = 7.919311524469e+01
50 * 10. a^m 0.2 1^m 15 n^m 19 root = 8.263090620693e+01
50 * 10. a^m 0.2 1^m 15 n^m 20 root = 8.6171925184383e+01
50 * 10. a^m 0.2 1^m 15 n^m 21 root = 8.972186630497e+01
50 * 10. a^m 0.2 1^m 15 n^m 22 root = 9.330225349995e+01
50 * 10. a^m 0.2 1^m 15 n^m 23 root = 9.6919360798040e+01
50 * 10. a^m 0.2 1^m 15 n^m 24 root = 1.0056922525328e+02
50 * 10. a^m 0.2 1^m 15 n^m 25 root = 1.0422704749938e+02
50 * 10. a^m 0.2 1^m 15 n^m 26 root = 1.0791248533217e+02
50 * 10. a^m 0.2 1^m 15 n^m 27 root = 1.11625162513778e+02
50 * 10. a^m 0.2 1^m 15 n^m 28 root = 1.1533632816971e+02
50 * 10. a^m 0.2 1^m 15 n^m 29 root = 1.1907088047380e+02
50 * 10. a^m 0.2 1^m 15 n^m 30 root = 1.228187959999e+02
```

c
c
c

```
50 * 10. a^m 0.3 1^m 1 n^m 1 root = 4.99389026533e+00
50 * 10. a^m 0.3 1^m 1 n^m 2 root = 9.198881694121e+00
50 * 10. a^m 0.3 1^m 1 n^m 3 root = 1.368894294792e+01
50 * 10. a^m 0.3 1^m 1 n^m 4 root = 1.78873477625e+01
50 * 10. a^m 0.3 1^m 1 n^m 5 root = 2.2447687801138e+01
50 * 10. a^m 0.3 1^m 1 n^m 6 root = 2.831072606197e+01
50 * 10. a^m 0.3 1^m 1 n^m 7 root = 3.30028496172e+01
50 * 10. a^m 0.3 1^m 1 n^m 8 root = 3.999363951387e+01
50 * 10. a^m 0.3 1^m 1 n^m 9 root = 4.633884007541e+01
50 * 10. a^m 0.3 1^m 1 n^m 10 root = 4.48124957163478e+01
50 * 10. a^m 0.3 1^m 1 n^m 11 root = 4.9208304662789e+01
50 * 10. a^m 0.3 1^m 1 n^m 12 root = 5.377919997413e+01
50 * 10. a^m 0.3 1^m 1 n^m 13 root = 5.829307697798e+01
50 * 10. a^m 0.3 1^m 1 n^m 14 root = 6.274253357891e+01
50 * 10. a^m 0.3 1^m 1 n^m 15 root = 6.7227337467881e+01
50 * 10. a^m 0.3 1^m 1 n^m 16 root = 7.171215339752e+01
50 * 10. a^m 0.3 1^m 1 n^m 17 root = 7.61974115130176e+01
50 * 10. a^m 0.3 1^m 1 n^m 18 root = 8.06823028043e+01
50 * 10. a^m 0.3 1^m 1 n^m 19 root = 8.516874633097e+01
50 * 10. a^m 0.3 1^m 1 n^m 20 root = 8.969476011651e+01
50 * 10. a^m 0.3 1^m 1 n^m 21 root = 9.414335874991e+01
50 * 10. a^m 0.3 1^m 1 n^m 22 root = 9.8627388253018e+01
50 * 10. a^m 0.3 1^m 1 n^m 23 root = 1.0311363953400e+02
50 * 10. a^m 0.3 1^m 1 n^m 24 root = 1.0760346573875e+02
50 * 10. a^m 0.3 1^m 1 n^m 25 root = 1.1208720701513e+02
50 * 10. a^m 0.3 1^m 1 n^m 26 root = 1.1657404368333e+02
50 * 10. a^m 0.3 1^m 1 n^m 27 root = 1.2106288304008e+02
50 * 10. a^m 0.3 1^m 1 n^m 28 root = 1.2554798465338e+02
50 * 10. a^m 0.3 1^m 1 n^m 29 root = 1.3003003282789e+02
50 * 10. a^m 0.3 1^m 1 n^m 30 root = 1.345218128099e+02
```

c
c
c

58 # 10. a# 0.3 l# 2 n# 1 root = 5.920286304666e+00
58 # 10. a# 0.3 l# 2 n# 2 root = 9.8673109546002e+00
58 # 10. a# 0.3 l# 2 n# 3 root = 1.4082159425703e+01
58 # 10. a# 0.3 l# 2 n# 4 root = 1.8366669515677e+01
58 # 10. a# 0.3 l# 2 n# 5 root = 2.2746006605771e+01
58 # 10. a# 0.3 l# 2 n# 6 root = 2.7160085174253e+01
58 # 10. a# 0.3 l# 2 n# 7 root = 3.1594769033713e+01
58 # 10. a# 0.3 l# 2 n# 8 root = 3.6042627496574e+01
58 # 10. a# 0.3 l# 2 n# 9 root = 4.0493303681049e+01
58 # 10. a# 0.3 l# 2 n# 10 root = 4.4932272626516e+01
58 # 10. a# 0.3 l# 2 n# 11 root = 4.9429759157366e+01
58 # 10. a# 0.3 l# 2 n# 12 root = 5.390056627696e+01
58 # 10. a# 0.3 l# 2 n# 13 root = 5.8374166031131e+01
58 # 10. a# 0.3 l# 2 n# 14 root = 6.2849787423676e+01
58 # 10. a# 0.3 l# 2 n# 15 root = 6.7327040699441e+01
58 # 10. a# 0.3 l# 2 n# 16 root = 7.180533674462e+01
58 # 10. a# 0.3 l# 2 n# 17 root = 7.6283345175514e+01
58 # 10. a# 0.3 l# 2 n# 18 root = 8.076297369503e+01
58 # 10. a# 0.3 l# 2 n# 19 root = 8.5241737981334e+01
58 # 10. a# 0.3 l# 2 n# 20 root = 8.9729445233466e+01
58 # 10. a# 0.3 l# 2 n# 21 root = 9.4212077269707e+01
58 # 10. a# 0.3 l# 2 n# 22 root = 9.869519794976e+01
58 # 10. a# 0.3 l# 2 n# 23 root = 1.0317674246305e+02
58 # 10. a# 0.3 l# 2 n# 24 root = 1.0765265691720e+02
58 # 10. a# 0.3 l# 2 n# 25 root = 1.1214490216367e+02
58 # 10. a# 0.3 l# 2 n# 26 root = 1.1663143444000e+02
58 # 10. a# 0.3 l# 2 n# 27 root = 1.2111622366220e+02
58 # 10. a# 0.3 l# 2 n# 28 root = 1.2560124195115e+02
58 # 10. a# 0.3 l# 2 n# 29 root = 1.3008465337271e+02
58 # 10. a# 0.3 l# 2 n# 30 root = 1.3457187462514e+02

c
c
c

58 # 10. a# 0.3 l# 3 n# 1 root = 7.0361704663630e+00
58 # 10. a# 0.3 l# 3 n# 2 root = 1.0763336175117e+01
58 # 10. a# 0.3 l# 3 n# 3 root = 1.4744776868762e+01
58 # 10. a# 0.3 l# 3 n# 4 root = 1.8911941646105e+01
58 # 10. a# 0.3 l# 3 n# 5 root = 2.3186811264947e+01
58 # 10. a# 0.3 l# 3 n# 6 root = 2.753152160125e+01
58 # 10. a# 0.3 l# 3 n# 7 root = 3.1914176125341e+01
58 # 10. a# 0.3 l# 3 n# 8 root = 3.6322446713294e+01
58 # 10. a# 0.3 l# 3 n# 9 root = 4.0762462447676e+01
58 # 10. a# 0.3 l# 3 n# 10 root = 4.523392939768e+01
58 # 10. a# 0.3 l# 3 n# 11 root = 4.973329299768e+01
58 # 10. a# 0.3 l# 3 n# 12 root = 5.4267894871414e+01
58 # 10. a# 0.3 l# 3 n# 13 root = 5.884647306837e+01
58 # 10. a# 0.3 l# 3 n# 14 root = 6.306980633190e+01
58 # 10. a# 0.3 l# 3 n# 15 root = 6.749462163336e+01
58 # 10. a# 0.3 l# 3 n# 16 root = 7.1946666433114e+01
58 # 10. a# 0.3 l# 3 n# 17 root = 7.6417143315361e+01
58 # 10. a# 0.3 l# 3 n# 18 root = 8.090426880769e+01
58 # 10. a# 0.3 l# 3 n# 19 root = 8.5396249768016e+01
58 # 10. a# 0.3 l# 3 n# 20 root = 8.99141644297e+01
58 # 10. a# 0.3 l# 3 n# 21 root = 9.431670166366e+01
58 # 10. a# 0.3 l# 3 n# 22 root = 9.8766666256071e+01
58 # 10. a# 0.3 l# 3 n# 23 root = 1.032760666246e+02
58 # 10. a# 0.3 l# 3 n# 24 root = 1.077698196367e+02
58 # 10. a# 0.3 l# 3 n# 25 root = 1.122694169703e+02
58 # 10. a# 0.3 l# 3 n# 26 root = 1.1671746576246e+02
58 # 10. a# 0.3 l# 3 n# 27 root = 1.211930677269e+02
58 # 10. a# 0.3 l# 3 n# 28 root = 1.256911376068e+02
58 # 10. a# 0.3 l# 3 n# 29 root = 1.30163584732e+02
58 # 10. a# 0.3 l# 3 n# 30 root = 1.346424663746e+02

c
c
c

58	10	a	0.3	1	4	n	1	root = 8.1980150888+18e+00
58	10	a	0.3	1	4	n	2	root = 1.188100322894e+01
58	10	a	0.3	1	4	n	3	root = 1.95313942324e+01
58	10	a	0.3	1	4	n	4	root = 1.982047784289e+01
58	10	a	0.3	1	4	n	5	root = 2.3770822298511e+01
58	10	a	0.3	1	4	n	6	root = 2.682223019528e+01
58	10	a	0.3	1	4	n	7	root = 3.233733699203e+01
58	10	a	0.3	1	4	n	8	root = 3.689401947792e+01
58	10	a	0.3	1	4	n	9	root = 4.1079155149177e+01
58	10	a	0.3	1	4	n	10	root = 4.5464516833111e+01
58	10	a	0.3	1	4	n	11	root = 4.9904723888118e+01
58	10	a	0.3	1	4	n	12	root = 5.4336141912805e+01
58	10	a	0.3	1	4	n	13	root = 5.877620831462e+01
58	10	a	0.3	1	4	n	14	root = 6.3223093228860e+01
58	10	a	0.3	1	4	n	15	root = 6.7679443830282e+01
58	10	a	0.3	1	4	n	16	root = 7.2132291939491e+01
58	10	a	0.3	1	4	n	17	root = 7.6592705167578e+01
58	10	a	0.3	1	4	n	18	root = 8.1058227931849e+01
58	10	a	0.3	1	4	n	19	root = 8.5522227549572e+01
58	10	a	0.3	1	4	n	20	root = 8.999061345272e+01
58	10	a	0.3	1	4	n	21	root = 9.4460775391613e+01
58	10	a	0.3	1	4	n	22	root = 9.8932267293730e+01
58	10	a	0.3	1	4	n	23	root = 1.0340576932933e+02
58	10	a	0.3	1	4	n	24	root = 1.0788019900332e+02
58	10	a	0.3	1	4	n	25	root = 1.1239571819386e+02
58	10	a	0.3	1	4	n	26	root = 1.169321922317e+02
58	10	a	0.3	1	4	n	27	root = 1.2130953230715e+02
58	10	a	0.3	1	4	n	28	root = 1.2578762888383e+02
58	10	a	0.3	1	4	n	29	root = 1.3026940594611e+02
58	10	a	0.3	1	4	n	30	root = 1.3474560416190e+02

c
c
c

58	10	a	0.3	1	5	n	1	root = 9.3558610867397e+00
58	10	a	0.3	1	5	n	2	root = 1.3026104941529e+01
58	10	a	0.3	1	5	n	3	root = 1.6295776869207e+01
58	10	a	0.3	1	5	n	4	root = 2.047237691187e+01
58	10	a	0.3	1	5	n	5	root = 2.446292880016e+01
58	10	a	0.3	1	5	n	6	root = 2.829380822320e+01
58	10	a	0.3	1	5	n	7	root = 3.2082124650878e+01
58	10	a	0.3	1	5	n	8	root = 3.5719963428887e+01
58	10	a	0.3	1	5	n	9	root = 3.9216976583360e+01
58	10	a	0.3	1	5	n	10	root = 4.2685773943082e+01
58	10	a	0.3	1	5	n	11	root = 4.6242942274532e+01
58	10	a	0.3	1	5	n	12	root = 4.9849418919248e+01
58	10	a	0.3	1	5	n	13	root = 5.3062928882127e+01
58	10	a	0.3	1	5	n	14	root = 5.6490058143427e+01
58	10	a	0.3	1	5	n	15	root = 5.9827815184948e+01
58	10	a	0.3	1	5	n	16	root = 6.2985101019363e+01
58	10	a	0.3	1	5	n	17	root = 6.681189343071e+01
58	10	a	0.3	1	5	n	18	root = 7.02622569394e+01
58	10	a	0.3	1	5	n	19	root = 7.3718461253948e+01
58	10	a	0.3	1	5	n	20	root = 7.718294534790e+01
58	10	a	0.3	1	5	n	21	root = 8.063223211894e+01
58	10	a	0.3	1	5	n	22	root = 8.410195443849e+01
58	10	a	0.3	1	5	n	23	root = 8.7596778337705e+01
58	10	a	0.3	1	5	n	24	root = 9.103949367522e+01
58	10	a	0.3	1	5	n	25	root = 9.450476194363e+01
58	10	a	0.3	1	5	n	26	root = 9.8100760273993e+01
58	10	a	0.3	1	5	n	27	root = 1.014472827919e+02
58	10	a	0.3	1	5	n	28	root = 1.0500089390389e+02
58	10	a	0.3	1	5	n	29	root = 1.0830468910253e+02
58	10	a	0.3	1	5	n	30	root = 1.348867582805e+02

c
c
c

58 * 10. a a 0.3 1 6 n 1 root = 1.0513577460398e+01
58 * 10. a a 0.3 1 6 n 2 root = 1.4627978202814e+01
58 * 10. a a 0.3 1 6 n 3 root = 1.7765770255317e+01
58 * 10. a a 0.3 1 6 n 4 root = 2.1462740168214e+01
58 * 10. a a 0.3 1 6 n 5 root = 2.532764637363e+01
58 * 10. a a 0.3 1 6 n 6 root = 2.934821529759e+01
58 * 10. a a 0.3 1 6 n 7 root = 3.3468046320393e+01
58 * 10. a a 0.3 1 6 n 8 root = 3.7705789917693e+01
58 * 10. a a 0.3 1 6 n 9 root = 4.1982127882746e+01
58 * 10. a a 0.3 1 6 n 10 root = 4.63262550924e+01
58 * 10. a a 0.3 1 6 n 11 root = 5.0646715903680e+01
58 * 10. a a 0.3 1 6 n 12 root = 5.50171102663867e+01
58 * 10. a a 0.3 1 6 n 13 root = 5.9445319591403e+01
58 * 10. a a 0.3 1 6 n 14 root = 6.3907611768252e+01
58 * 10. a a 0.3 1 6 n 15 root = 6.8392327573214e+01
58 * 10. a a 0.3 1 6 n 16 root = 7.2904071141921e+01
58 * 10. a a 0.3 1 6 n 17 root = 7.7074534326570e+01
58 * 10. a a 0.3 1 6 n 18 root = 8.1511356073678e+01
58 * 10. a a 0.3 1 6 n 19 root = 8.5933294468369e+01
58 * 10. a a 0.3 1 6 n 20 root = 9.0400306316391e+01
58 * 10. a a 0.3 1 6 n 21 root = 9.4850981041817e+01
58 * 10. a a 0.3 1 6 n 22 root = 9.9305042046779e+01
58 * 10. a a 0.3 1 6 n 23 root = 1.0378204949787e+02
58 * 10. a a 0.3 1 6 n 24 root = 1.0822163629570e+02
58 * 10. a a 0.3 1 6 n 25 root = 1.1268394705057e+02
58 * 10. a a 0.3 1 6 n 26 root = 1.1714781138115e+02
58 * 10. a a 0.3 1 6 n 27 root = 1.2161301493941e+02
58 * 10. a a 0.3 1 6 n 28 root = 1.2608029494457e+02
58 * 10. a a 0.3 1 6 n 29 root = 1.3054994448205e+02
58 * 10. a a 0.3 1 6 n 30 root = 1.3501991233067e+02

c
c
c

58 * 10. a a 0.3 1 7 n 1 root = 1.16572274314439e+01
58 * 10. a a 0.3 1 7 n 2 root = 1.5437826294930e+01
58 * 10. a a 0.3 1 7 n 3 root = 1.89831118309517e+01
58 * 10. a a 0.3 1 7 n 4 root = 2.2552331526255e+01
58 * 10. a a 0.3 1 7 n 5 root = 2.6275353357653e+01
58 * 10. a a 0.3 1 7 n 6 root = 3.0171243633666e+01
58 * 10. a a 0.3 1 7 n 7 root = 3.420228281069e+01
58 * 10. a a 0.3 1 7 n 8 root = 3.8346999219165e+01
58 * 10. a a 0.3 1 7 n 9 root = 4.250192992357e+01
58 * 10. a a 0.3 1 7 n 10 root = 4.6814287930140e+01
58 * 10. a a 0.3 1 7 n 11 root = 5.1116257648920e+01
58 * 10. a a 0.3 1 7 n 12 root = 5.5449115946406e+01
58 * 10. a a 0.3 1 7 n 13 root = 5.980465301245e+01
58 * 10. a a 0.3 1 7 n 14 root = 6.417823036505e+01
58 * 10. a a 0.3 1 7 n 15 root = 6.857497457752e+01
58 * 10. a a 0.3 1 7 n 16 root = 7.2985816844405e+01
58 * 10. a a 0.3 1 7 n 17 root = 7.7509430628001e+01
58 * 10. a a 0.3 1 7 n 18 root = 8.180373381243e+01
58 * 10. a a 0.3 1 7 n 19 root = 8.620744670259e+01
58 * 10. a a 0.3 1 7 n 20 root = 9.0660575327380e+01
58 * 10. a a 0.3 1 7 n 21 root = 9.5083006911562e+01
58 * 10. a a 0.3 1 7 n 22 root = 9.9491173836005e+01
58 * 10. a a 0.3 1 7 n 23 root = 1.0388846291371e+02
58 * 10. a a 0.3 1 7 n 24 root = 1.083392693942e+02
58 * 10. a a 0.3 1 7 n 25 root = 1.1289185029535e+02
58 * 10. a a 0.3 1 7 n 26 root = 1.1754771667017e+02
58 * 10. a a 0.3 1 7 n 27 root = 1.2180529914914e+02
58 * 10. a a 0.3 1 7 n 28 root = 1.2626363244385e+02
58 * 10. a a 0.3 1 7 n 29 root = 1.3073266304711e+02
58 * 10. a a 0.3 1 7 n 30 root = 1.3519257631621e+02

c
c
c

```
5p 10. a 0.3 1 8 n 1 root = 1.2780829404281e+01
5p 10. a 0.3 1 8 n 2 root = 1.8942940373895e+01
5p 10. a 0.3 1 8 n 3 root = 2.8225715174957e+01
5p 10. a 0.3 1 8 n 4 root = 2.371758829229e+01
5p 10. a 0.3 1 8 n 5 root = 2.7329988041425e+01
5p 10. a 0.3 1 8 n 6 root = 3.1088880013409e+01
5p 10. a 0.3 1 8 n 7 root = 3.5019513446725e+01
5p 10. a 0.3 1 8 n 8 root = 3.9094391743020e+01
5p 10. a 0.3 1 8 n 9 root = 4.3198853170403e+01
5p 10. a 0.3 1 8 n 10 root = 4.738746291118e+01
5p 10. a 0.3 1 8 n 11 root = 5.16502293224e+01
5p 10. a 0.3 1 8 n 12 root = 5.599513198773e+01
5p 10. a 0.3 1 8 n 13 root = 6.0328387388529e+01
5p 10. a 0.3 1 8 n 14 root = 6.460075802929e+01
5p 10. a 0.3 1 8 n 15 root = 6.8932275719367e+01
5p 10. a 0.3 1 8 n 16 root = 7.3232873919445e+01
5p 10. a 0.3 1 8 n 17 root = 7.729302299204e+01
5p 10. a 0.3 1 8 n 18 root = 8.2130124629108e+01
5p 10. a 0.3 1 8 n 19 root = 8.659930857825e+01
5p 10. a 0.3 1 8 n 20 root = 9.057611929491e+01
5p 10. a 0.3 1 8 n 21 root = 9.5381892241160e+01
5p 10. a 0.3 1 8 n 22 root = 9.9811932873265e+01
5p 10. a 0.3 1 8 n 23 root = 1.04468882613e+02
5p 10. a 0.3 1 8 n 24 root = 1.083884385714e+02
5p 10. a 0.3 1 8 n 25 root = 1.1312975811225e+02
5p 10. a 0.3 1 8 n 26 root = 1.1767650322571e+02
5p 10. a 0.3 1 8 n 27 root = 1.2202323637303e+02
5p 10. a 0.3 1 8 n 28 root = 1.2647881163523e+02
5p 10. a 0.3 1 8 n 29 root = 1.3083376880574e+02
5p 10. a 0.3 1 8 n 30 root = 1.3539024308959e+02
```

c
c
c

```
5p 10. a 0.3 1 9 n 1 root = 1.39158932116900e+01
5p 10. a 0.3 1 9 n 2 root = 1.7639188917932e+01
5p 10. a 0.3 1 9 n 3 root = 2.143878486305e+01
5p 10. a 0.3 1 9 n 4 root = 2.4930078932394e+01
5p 10. a 0.3 1 9 n 5 root = 2.84956389505100e+01
5p 10. a 0.3 1 9 n 6 root = 3.2111513038941e+01
5p 10. a 0.3 1 9 n 7 root = 3.5822032957300e+01
5p 10. a 0.3 1 9 n 8 root = 3.968741562935e+01
5p 10. a 0.3 1 9 n 9 root = 4.3821948280504e+01
5p 10. a 0.3 1 9 n 10 root = 4.809482076992e+01
5p 10. a 0.3 1 9 n 11 root = 5.2248751176229e+01
5p 10. a 0.3 1 9 n 12 root = 5.6489788883888e+01
5p 10. a 0.3 1 9 n 13 root = 6.0767577184884e+01
5p 10. a 0.3 1 9 n 14 root = 6.5074588951303e+01
5p 10. a 0.3 1 9 n 15 root = 6.9405223482650e+01
5p 10. a 0.3 1 9 n 16 root = 7.3751578329404e+01
5p 10. a 0.3 1 9 n 17 root = 7.8121081493474e+01
5p 10. a 0.3 1 9 n 18 root = 8.2500368107436e+01
5p 10. a 0.3 1 9 n 19 root = 8.6881009378286e+01
5p 10. a 0.3 1 9 n 20 root = 9.12912618833804e+01
5p 10. a 0.3 1 9 n 21 root = 9.58998020288984e+01
5p 10. a 0.3 1 9 n 22 root = 1.0011251192132e+02
5p 10. a 0.3 1 9 n 23 root = 1.0437485818259e+02
5p 10. a 0.3 1 9 n 24 root = 1.0898488273792e+02
5p 10. a 0.3 1 9 n 25 root = 1.1387134629404e+02
5p 10. a 0.3 1 9 n 26 root = 1.1783384008874e+02
5p 10. a 0.3 1 9 n 27 root = 1.22273861088884e+02
5p 10. a 0.3 1 9 n 28 root = 1.2671698894758e+02
5p 10. a 0.3 1 9 n 29 root = 1.3118444118285e+02
5p 10. a 0.3 1 9 n 30 root = 1.3581360381021e+02
```

```

c
c
56 10. a 0.3 1 10 n 1 root = 1.503971325107e+01
56 10. a 0.3 1 10 n 2 root = 1.502586822196e+01
56 10. a 0.3 1 10 n 3 root = 2.2689490260133e+01
56 10. a 0.3 1 10 n 4 root = 2.6166394689959e+01
56 10. a 0.3 1 10 n 5 root = 2.9894953216127e+01
56 10. a 0.3 1 10 n 6 root = 3.3207193071318e+01
56 10. a 0.3 1 10 n 7 root = 3.6506118442638e+01
56 10. a 0.3 1 10 n 8 root = 4.075287326331e+01
56 10. a 0.3 1 10 n 9 root = 4.4718497679330e+01
56 10. a 0.3 1 10 n 10 root = 4.877682001397e+01
56 10. a 0.3 1 10 n 11 root = 5.25710160124123e+01
56 10. a 0.3 1 10 n 12 root = 5.709825150939e+01
56 10. a 0.3 1 10 n 13 root = 6.1331395211693e+01
56 10. a 0.3 1 10 n 14 root = 6.5998977038219e+01
56 10. a 0.3 1 10 n 15 root = 6.995886717240e+01
56 10. a 0.3 1 10 n 16 root = 7.4215367660010e+01
56 10. a 0.3 1 10 n 17 root = 7.8955337494612e+01
56 10. a 0.3 1 10 n 18 root = 8.251094883039e+01
56 10. a 0.3 1 10 n 19 root = 8.728029597475e+01
56 10. a 0.3 1 10 n 20 root = 9.1861399081812e+01
56 10. a 0.3 1 10 n 21 root = 9.652562215157e+01
56 10. a 0.3 1 10 n 22 root = 1.0042234576183e+02
56 10. a 0.3 1 10 n 23 root = 1.0462379745666e+02
56 10. a 0.3 1 10 n 24 root = 1.092733036511e+02
56 10. a 0.3 1 10 n 25 root = 1.1369369120727e+02
56 10. a 0.3 1 10 n 26 root = 1.1811917259061e+02
56 10. a 0.3 1 10 n 27 root = 1.2294660111310e+02
56 10. a 0.3 1 10 n 28 root = 1.283636515563e+02
56 10. a 0.3 1 10 n 29 root = 1.3142048017768e+02
56 10. a 0.3 1 10 n 30 root = 1.3666147765013e+02

```

```

c
c
56 10. a 0.3 1 10 n 1 root = 1.503971325107e+01
56 10. a 0.3 1 10 n 2 root = 1.502586822196e+01
56 10. a 0.3 1 10 n 3 root = 2.2689490260133e+01
56 10. a 0.3 1 10 n 4 root = 2.6166394689959e+01
56 10. a 0.3 1 10 n 5 root = 2.9894953216127e+01
56 10. a 0.3 1 10 n 6 root = 3.3207193071318e+01
56 10. a 0.3 1 10 n 7 root = 3.6506118442638e+01
56 10. a 0.3 1 10 n 8 root = 4.075287326331e+01
56 10. a 0.3 1 10 n 9 root = 4.4718497679330e+01
56 10. a 0.3 1 10 n 10 root = 4.877682001397e+01
56 10. a 0.3 1 10 n 11 root = 5.25710160124123e+01
56 10. a 0.3 1 10 n 12 root = 5.709825150939e+01
56 10. a 0.3 1 10 n 13 root = 6.1331395211693e+01
56 10. a 0.3 1 10 n 14 root = 6.5998977038219e+01
56 10. a 0.3 1 10 n 15 root = 6.995886717240e+01
56 10. a 0.3 1 10 n 16 root = 7.4215367660010e+01
56 10. a 0.3 1 10 n 17 root = 7.8955337494612e+01
56 10. a 0.3 1 10 n 18 root = 8.251094883039e+01
56 10. a 0.3 1 10 n 19 root = 8.728029597475e+01
56 10. a 0.3 1 10 n 20 root = 9.1861399081812e+01
56 10. a 0.3 1 10 n 21 root = 9.652562215157e+01
56 10. a 0.3 1 10 n 22 root = 1.0042234576183e+02
56 10. a 0.3 1 10 n 23 root = 1.0462379745666e+02
56 10. a 0.3 1 10 n 24 root = 1.092733036511e+02
56 10. a 0.3 1 10 n 25 root = 1.1369369120727e+02
56 10. a 0.3 1 10 n 26 root = 1.1811917259061e+02
56 10. a 0.3 1 10 n 27 root = 1.2294660111310e+02
56 10. a 0.3 1 10 n 28 root = 1.283636515563e+02
56 10. a 0.3 1 10 n 29 root = 1.3142048017768e+02
56 10. a 0.3 1 10 n 30 root = 1.3666147765013e+02

```

c
c
c

```
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 1 root = 1.7250494670690e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 2 root = 2.1373581619951e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 3 root = 2.5101301784032e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 4 root = 2.852307957793e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 5 root = 3.2119398140498e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 6 root = 3.5776093566695e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 7 root = 3.9101025588827e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 8 root = 4.2746149797921e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 9 root = 4.6668107319253e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 10 root = 5.0425783317625e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 11 root = 5.4415947220097e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 12 root = 5.846568944491e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 13 root = 6.269446660515e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 14 root = 6.6900176331335e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 15 root = 7.1019522003725e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 16 root = 7.5271426637259e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 17 root = 7.9560353600359e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 18 root = 8.3952032000816e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 19 root = 8.817669670894e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 20 root = 9.2610179046631e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 21 root = 9.6861580682365e+01
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 22 root = 1.01225232e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 23 root = 1.059293729177e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 24 root = 1.0996321453361e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 25 root = 1.1437514686700e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 26 root = 1.187744082725e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 27 root = 1.2318016886299e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 28 root = 1.2759176314609e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 29 root = 1.320089780341e+02
50 ~ 10. a ~ 0.3 | ~ 12 n ~ 30 root = 1.364301252594e+02
```

c
c
c

```
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 1 root = 1.826126151349e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 2 root = 2.2536819373523e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 3 root = 2.630757782140e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 4 root = 2.995044094940e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 5 root = 3.337242704949e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 6 root = 3.681423692791e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 7 root = 4.0294442946731e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 8 root = 4.394794822764e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 9 root = 4.7526620353872e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 10 root = 5.1347710224274e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 11 root = 5.5268533229977e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 12 root = 5.9270589453126e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 13 root = 6.334481051588e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 14 root = 6.74753503015e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 15 root = 7.1661583730978e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 16 root = 7.5894963053782e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 17 root = 8.0110632323361e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 18 root = 8.4382076537886e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 19 root = 8.8675791862013e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 20 root = 9.288533361355e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 21 root = 9.7317650431383e+01
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 22 root = 1.0186097176166e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 23 root = 1.061188258925e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 24 root = 1.103826516870e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 25 root = 1.1475943876197e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 26 root = 1.1914411531375e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 27 root = 1.2333839457257e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 28 root = 1.27540638708820e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 29 root = 1.3234098109794e+02
50 ~ 10. a ~ 0.3 | ~ 13 n ~ 30 root = 1.3675107804511e+02
```

c
c
c

56 * 10. a = 0.3 | = 14 n = 1 root = 1.9447703111594e+01
56 * 10. a = 0.3 | = 14 n = 2 root = 2.3693206969954e+01
56 * 10. a = 0.3 | = 14 n = 3 root = 2.7525774409880e+01
56 * 10. a = 0.3 | = 14 n = 4 root = 3.1120998060305e+01
56 * 10. a = 0.3 | = 14 n = 5 root = 3.4624699861311e+01
56 * 10. a = 0.3 | = 14 n = 6 root = 3.8068516167410e+01
56 * 10. a = 0.3 | = 14 n = 7 root = 4.1507102423697e+01
56 * 10. a = 0.3 | = 14 n = 8 root = 4.5003723103022e+01
56 * 10. a = 0.3 | = 14 n = 9 root = 4.8506993292067e+01
56 * 10. a = 0.3 | = 14 n = 10 root = 5.2327735194494e+01
56 * 10. a = 0.3 | = 14 n = 11 root = 5.6172183437034e+01
56 * 10. a = 0.3 | = 14 n = 12 root = 6.0107741895061e+01
56 * 10. a = 0.3 | = 14 n = 13 root = 6.4121881731261e+01
56 * 10. a = 0.3 | = 14 n = 14 root = 6.8194999917802e+01
56 * 10. a = 0.3 | = 14 n = 15 root = 7.2330100017615e+01
56 * 10. a = 0.3 | = 14 n = 16 root = 7.6533230703174e+01
56 * 10. a = 0.3 | = 14 n = 17 root = 8.0712356727663e+01
56 * 10. a = 0.3 | = 14 n = 18 root = 8.4951465252571e+01
56 * 10. a = 0.3 | = 14 n = 19 root = 8.9216131844911e+01
56 * 10. a = 0.3 | = 14 n = 20 root = 9.3502993162035e+01
56 * 10. a = 0.3 | = 14 n = 21 root = 9.7807844652277e+01
56 * 10. a = 0.3 | = 14 n = 22 root = 1.0212938270459e+02
56 * 10. a = 0.3 | = 14 n = 23 root = 1.0646516239320e+02
56 * 10. a = 0.3 | = 14 n = 24 root = 1.1081341712955e+02
56 * 10. a = 0.3 | = 14 n = 25 root = 1.1517266269224e+02
56 * 10. a = 0.3 | = 14 n = 26 root = 1.1954172918720e+02
56 * 10. a = 0.3 | = 14 n = 27 root = 1.2391947340638e+02
56 * 10. a = 0.3 | = 14 n = 28 root = 1.2830500360394e+02
56 * 10. a = 0.3 | = 14 n = 29 root = 1.3269752610480e+02
56 * 10. a = 0.3 | = 14 n = 30 root = 1.3709532295612e+02

c
c
c

56 * 10. a = 0.3 | = 15 n = 1 root = 2.0940293625740e+01
56 * 10. a = 0.3 | = 15 n = 2 root = 2.4643762729800e+01
56 * 10. a = 0.3 | = 15 n = 3 root = 2.8370142761305e+01
56 * 10. a = 0.3 | = 15 n = 4 root = 3.2344519184952e+01
56 * 10. a = 0.3 | = 15 n = 5 root = 3.5972440849561e+01
56 * 10. a = 0.3 | = 15 n = 6 root = 3.9262356955056e+01
56 * 10. a = 0.3 | = 15 n = 7 root = 4.2794732465178e+01
56 * 10. a = 0.3 | = 15 n = 8 root = 4.6205337570916e+01
56 * 10. a = 0.3 | = 15 n = 9 root = 4.9729535700980e+01
56 * 10. a = 0.3 | = 15 n = 10 root = 5.3376195303566e+01
56 * 10. a = 0.3 | = 15 n = 11 root = 5.7137371831255e+01
56 * 10. a = 0.3 | = 15 n = 12 root = 6.1000619279079e+01
56 * 10. a = 0.3 | = 15 n = 13 root = 6.4951184168257e+01
56 * 10. a = 0.3 | = 15 n = 14 root = 6.8973482514037e+01
56 * 10. a = 0.3 | = 15 n = 15 root = 7.3074752627994e+01
56 * 10. a = 0.3 | = 15 n = 16 root = 7.7184729185368e+01
56 * 10. a = 0.3 | = 15 n = 17 root = 8.1363304519402e+01
56 * 10. a = 0.3 | = 15 n = 18 root = 8.5960025361136e+01
56 * 10. a = 0.3 | = 15 n = 19 root = 9.0733714790636e+01
56 * 10. a = 0.3 | = 15 n = 20 root = 9.4952180479425e+01
56 * 10. a = 0.3 | = 15 n = 21 root = 9.9331592201904e+01
56 * 10. a = 0.3 | = 15 n = 22 root = 1.03530331946119e+02
56 * 10. a = 0.3 | = 15 n = 23 root = 1.0834483801311e+02
56 * 10. a = 0.3 | = 15 n = 24 root = 1.1127393974184e+02
56 * 10. a = 0.3 | = 15 n = 25 root = 1.1362713704991e+02
56 * 10. a = 0.3 | = 15 n = 26 root = 1.1543236937946e+02
56 * 10. a = 0.3 | = 15 n = 27 root = 1.1670025991143e+02
56 * 10. a = 0.3 | = 15 n = 28 root = 1.17307561436780e+02
56 * 10. a = 0.3 | = 15 n = 29 root = 1.1746962189935e+02

c
c
c

50 * 10. a * 0.4 i * 1 n * 1 root = 5.5101105042528e+00
50 * 10. a * 0.4 i * 1 n * 2 root = 1.0945314360390e+01
50 * 10. a * 0.4 i * 1 n * 3 root = 1.570317620830e+01
50 * 10. a * 0.4 i * 1 n * 4 root = 2.0588970369371e+01
50 * 10. a * 0.4 i * 1 n * 5 root = 2.611084975753e+01
50 * 10. a * 0.4 i * 1 n * 6 root = 3.1330402981749e+01
50 * 10. a * 0.4 i * 1 n * 7 root = 3.629468371762e+01
50 * 10. a * 0.4 i * 1 n * 8 root = 4.1762108836909e+01
50 * 10. a * 0.4 i * 1 n * 9 root = 4.7011348475126e+01
50 * 10. a * 0.4 i * 1 n * 10 root = 5.224119431165e+01
50 * 10. a * 0.4 i * 1 n * 11 root = 5.74752256656e+01
50 * 10. a * 0.4 i * 1 n * 12 root = 6.2705839981126e+01
50 * 10. a * 0.4 i * 1 n * 13 root = 6.793276499309e+01
50 * 10. a * 0.4 i * 1 n * 14 root = 7.317205460062e+01
50 * 10. a * 0.4 i * 1 n * 15 root = 7.8405740308812e+01
50 * 10. a * 0.4 i * 1 n * 16 root = 8.3632711511689e+01
50 * 10. a * 0.4 i * 1 n * 17 root = 8.887392744341e+01
50 * 10. a * 0.4 i * 1 n * 18 root = 9.4108339417663e+01
50 * 10. a * 0.4 i * 1 n * 19 root = 9.934631576449e+01
50 * 10. a * 0.4 i * 1 n * 20 root = 1.0457763740325e+02
50 * 10. a * 0.4 i * 1 n * 21 root = 1.0981247493940e+02
50 * 10. a * 0.4 i * 1 n * 22 root = 1.1504741998093e+02
50 * 10. a * 0.4 i * 1 n * 23 root = 1.2028246992755e+02
50 * 10. a * 0.4 i * 1 n * 24 root = 1.2551757136874e+02
50 * 10. a * 0.4 i * 1 n * 25 root = 1.307527592441e+02
50 * 10. a * 0.4 i * 1 n * 26 root = 1.35988004352071e+02
50 * 10. a * 0.4 i * 1 n * 27 root = 1.412233087271e+02
50 * 10. a * 0.4 i * 1 n * 28 root = 1.464586094653e+02
50 * 10. a * 0.4 i * 1 n * 29 root = 1.516940940436e+02
50 * 10. a * 0.4 i * 1 n * 30 root = 1.569294932636e+02

c
c
c

50 * 10. a * 0.4 i * 2 n * 1 root = 6.2744929452870e+00
50 * 10. a * 0.4 i * 2 n * 2 root = 1.1008197919279e+01
50 * 10. a * 0.4 i * 2 n * 3 root = 1.62214925399e+01
50 * 10. a * 0.4 i * 2 n * 4 root = 2.113948504160e+01
50 * 10. a * 0.4 i * 2 n * 5 root = 2.630346997617e+01
50 * 10. a * 0.4 i * 2 n * 6 root = 3.1491121033879e+01
50 * 10. a * 0.4 i * 2 n * 7 root = 3.6925254695278e+01
50 * 10. a * 0.4 i * 2 n * 8 root = 4.190295783634e+01
50 * 10. a * 0.4 i * 2 n * 9 root = 4.7116360216571e+01
50 * 10. a * 0.4 i * 2 n * 10 root = 5.235820393744e+01
50 * 10. a * 0.4 i * 2 n * 11 root = 5.760993357409e+01
50 * 10. a * 0.4 i * 2 n * 12 root = 6.276939703944e+01
50 * 10. a * 0.4 i * 2 n * 13 root = 6.8025774119124e+01
50 * 10. a * 0.4 i * 2 n * 14 root = 7.3240700377605e+01
50 * 10. a * 0.4 i * 2 n * 15 root = 7.8493786924788e+01
50 * 10. a * 0.4 i * 2 n * 16 root = 8.3695746271425e+01
50 * 10. a * 0.4 i * 2 n * 17 root = 8.8930409126821e+01
50 * 10. a * 0.4 i * 2 n * 18 root = 9.4116166870232e+01
50 * 10. a * 0.4 i * 2 n * 19 root = 9.93582467679198e+01
50 * 10. a * 0.4 i * 2 n * 20 root = 1.0455631169369e+02
50 * 10. a * 0.4 i * 2 n * 21 root = 1.0982815777137e+02
50 * 10. a * 0.4 i * 2 n * 22 root = 1.1509101841994e+02
50 * 10. a * 0.4 i * 2 n * 23 root = 1.2035411682375e+02
50 * 10. a * 0.4 i * 2 n * 24 root = 1.2555752393936e+02
50 * 10. a * 0.4 i * 2 n * 25 root = 1.3079110939488e+02
50 * 10. a * 0.4 i * 2 n * 26 root = 1.3602467339465e+02
50 * 10. a * 0.4 i * 2 n * 27 root = 1.4125880397621e+02
50 * 10. a * 0.4 i * 2 n * 28 root = 1.4649269926534e+02
50 * 10. a * 0.4 i * 2 n * 29 root = 1.5172709731445e+02
50 * 10. a * 0.4 i * 2 n * 30 root = 1.5696142773379e+02

c
c

```
58 * 10. a = 0.4 | = 3 n = 1 root = 7.2331263104027e+00
58 * 10. a = 0.4 | = 3 n = 2 root = 1.1686731652019e+01
58 * 10. a = 0.4 | = 3 n = 3 root = 1.6466711357794e+01
58 * 10. a = 0.4 | = 3 n = 4 root = 2.143614333333e+01
58 * 10. a = 0.4 | = 3 n = 5 root = 2.65029404422e+01
58 * 10. a = 0.4 | = 3 n = 6 root = 3.173103039592e+01
58 * 10. a = 0.4 | = 3 n = 7 root = 3.698330209493e+01
58 * 10. a = 0.4 | = 3 n = 8 root = 4.23275293708e+01
58 * 10. a = 0.4 | = 3 n = 9 root = 4.7735433324e+01
58 * 10. a = 0.4 | = 3 n = 10 root = 5.248233333030e+01
58 * 10. a = 0.4 | = 3 n = 11 root = 5.76201904777e+01
58 * 10. a = 0.4 | = 3 n = 12 root = 6.25020004037e+01
58 * 10. a = 0.4 | = 3 n = 13 root = 6.812949202957e+01
58 * 10. a = 0.4 | = 3 n = 14 root = 7.33433337759e+01
58 * 10. a = 0.4 | = 3 n = 15 root = 7.8333791684e+01
58 * 10. a = 0.4 | = 3 n = 16 root = 8.37897631327e+01
58 * 10. a = 0.4 | = 3 n = 17 root = 8.90150832097e+01
58 * 10. a = 0.4 | = 3 n = 18 root = 9.42416237707e+01
58 * 10. a = 0.4 | = 3 n = 19 root = 9.94691612333e+01
58 * 10. a = 0.4 | = 3 n = 20 root = 1.0469794601177e+02
58 * 10. a = 0.4 | = 3 n = 21 root = 1.099493671503e+02
58 * 10. a = 0.4 | = 3 n = 22 root = 1.151953942339e+02
58 * 10. a = 0.4 | = 3 n = 23 root = 1.203666735725e+02
58 * 10. a = 0.4 | = 3 n = 24 root = 1.2561743579477e+02
58 * 10. a = 0.4 | = 3 n = 25 root = 1.309485142670e+02
58 * 10. a = 0.4 | = 3 n = 26 root = 1.363001636115e+02
58 * 10. a = 0.4 | = 3 n = 27 root = 1.413120455627e+02
58 * 10. a = 0.4 | = 3 n = 28 root = 1.462442157432e+02
58 * 10. a = 0.4 | = 3 n = 29 root = 1.511763367329e+02
58 * 10. a = 0.4 | = 3 n = 30 root = 1.570033268725e+02
```

c
c

```
58 * 10. a = 0.4 | = 4 n = 1 root = 8.2946251056397e+00
58 * 10. a = 0.4 | = 4 n = 2 root = 1.246703425591e+01
58 * 10. a = 0.4 | = 4 n = 3 root = 1.709339424142e+01
58 * 10. a = 0.4 | = 4 n = 4 root = 2.19043291242e+01
58 * 10. a = 0.4 | = 4 n = 5 root = 2.693974933278e+01
58 * 10. a = 0.4 | = 4 n = 6 root = 3.2046706153190e+01
58 * 10. a = 0.4 | = 4 n = 7 root = 3.7171531948140e+01
58 * 10. a = 0.4 | = 4 n = 8 root = 4.232113178357e+01
58 * 10. a = 0.4 | = 4 n = 9 root = 4.749163833392e+01
58 * 10. a = 0.4 | = 4 n = 10 root = 5.2674115821681e+01
58 * 10. a = 0.4 | = 4 n = 11 root = 5.786369600688e+01
58 * 10. a = 0.4 | = 4 n = 12 root = 6.3059232119305e+01
58 * 10. a = 0.4 | = 4 n = 13 root = 6.827109053042e+01
58 * 10. a = 0.4 | = 4 n = 14 root = 7.34079394761e+01
58 * 10. a = 0.4 | = 4 n = 15 root = 7.853389476198e+01
58 * 10. a = 0.4 | = 4 n = 16 root = 8.3692698142399e+01
58 * 10. a = 0.4 | = 4 n = 17 root = 8.9127832705753e+01
58 * 10. a = 0.4 | = 4 n = 18 root = 9.4246199427045e+01
58 * 10. a = 0.4 | = 4 n = 19 root = 9.97047633301e+01
58 * 10. a = 0.4 | = 4 n = 20 root = 1.047934048230e+02
58 * 10. a = 0.4 | = 4 n = 21 root = 1.1011791151363e+02
58 * 10. a = 0.4 | = 4 n = 22 root = 1.1524352104947e+02
58 * 10. a = 0.4 | = 4 n = 23 root = 1.2047000729534e+02
58 * 10. a = 0.4 | = 4 n = 24 root = 1.259572888103e+02
58 * 10. a = 0.4 | = 4 n = 25 root = 1.309226943355e+02
58 * 10. a = 0.4 | = 4 n = 26 root = 1.3615333321199e+02
58 * 10. a = 0.4 | = 4 n = 27 root = 1.4138300278537e+02
58 * 10. a = 0.4 | = 4 n = 28 root = 1.4661363200688e+02
58 * 10. a = 0.4 | = 4 n = 29 root = 1.5184470270401e+02
58 * 10. a = 0.4 | = 4 n = 30 root = 1.5707317633205e+02
```

```

c
c
50 ** 10. a = 0.4 i = 5 n = 1      root = 9.4046183449979e+00
50 ** 10. a = 0.4 i = 5 n = 2      root = 1.2433691303187e+01
50 ** 10. a = 0.4 i = 5 n = 3      root = 1.7624067382959e+01
50 ** 10. a = 0.4 i = 5 n = 4      root = 2.2538930037953e+01
50 ** 10. a = 0.4 i = 5 n = 5      root = 2.7437987998240e+01
50 ** 10. a = 0.4 i = 5 n = 6      root = 3.2446387234465e+01
50 ** 10. a = 0.4 i = 5 n = 7      root = 3.7510888872418e+01
50 ** 10. a = 0.4 i = 5 n = 8      root = 4.261988837989e+01
50 ** 10. a = 0.4 i = 5 n = 9      root = 4.77627403429e+01
50 ** 10. a = 0.4 i = 5 n = 10     root = 5.2913104319837e+01
50 ** 10. a = 0.4 i = 5 n = 11     root = 5.8083913327425e+01
50 ** 10. a = 0.4 i = 5 n = 12     root = 6.3285330162735e+01
50 ** 10. a = 0.4 i = 5 n = 13     root = 6.8492187001694e+01
50 ** 10. a = 0.4 i = 5 n = 14     root = 7.3691811371506e+01
50 ** 10. a = 0.4 i = 5 n = 15     root = 7.888329821980e+01
50 ** 10. a = 0.4 i = 5 n = 16     root = 8.405829922090e+01
50 ** 10. a = 0.4 i = 5 n = 17     root = 8.920876175719e+01
50 ** 10. a = 0.4 i = 5 n = 18     root = 9.4401198799435e+01
50 ** 10. a = 0.4 i = 5 n = 19     root = 9.9635110923370e+01
50 ** 10. a = 0.4 i = 5 n = 20     root = 1.0491314081446e+02
50 ** 10. a = 0.4 i = 5 n = 21     root = 1.1013197200439e+02
50 ** 10. a = 0.4 i = 5 n = 22     root = 1.1532783394765e+02
50 ** 10. a = 0.4 i = 5 n = 23     root = 1.2057411318191e+02
50 ** 10. a = 0.4 i = 5 n = 24     root = 1.2577095013130e+02
50 ** 10. a = 0.4 i = 5 n = 25     root = 1.31021032385e+02
50 ** 10. a = 0.4 i = 5 n = 26     root = 1.3624593304263e+02
50 ** 10. a = 0.4 i = 5 n = 27     root = 1.4147186794626e+02
50 ** 10. a = 0.4 i = 5 n = 28     root = 1.4688813001187e+02
50 ** 10. a = 0.4 i = 5 n = 29     root = 1.5192925019834e+02
50 ** 10. a = 0.4 i = 5 n = 30     root = 1.5715236238693e+02

c
c
50 ** 10. a = 0.4 i = 6 n = 1      root = 1.0533124036940e+01
50 ** 10. a = 0.4 i = 6 n = 2      root = 1.4478715294862e+01
50 ** 10. a = 0.4 i = 6 n = 3      root = 1.8694932945627e+01
50 ** 10. a = 0.4 i = 6 n = 4      root = 2.321196341990e+01
50 ** 10. a = 0.4 i = 6 n = 5      root = 2.791924425300e+01
50 ** 10. a = 0.4 i = 6 n = 6      root = 3.29107169419914e+01
50 ** 10. a = 0.4 i = 6 n = 7      root = 3.791519496195e+01
50 ** 10. a = 0.4 i = 6 n = 8      root = 4.2975306949506e+01
50 ** 10. a = 0.4 i = 6 n = 9      root = 4.8077819848639e+01
50 ** 10. a = 0.4 i = 6 n = 10     root = 5.3198887750169e+01
50 ** 10. a = 0.4 i = 6 n = 11     root = 5.834967715957e+01
50 ** 10. a = 0.4 i = 6 n = 12     root = 6.350427263377e+01
50 ** 10. a = 0.4 i = 6 n = 13     root = 6.8675675749830e+01
50 ** 10. a = 0.4 i = 6 n = 14     root = 7.3869493982176e+01
50 ** 10. a = 0.4 i = 6 n = 15     root = 7.90494294601357e+01
50 ** 10. a = 0.4 i = 6 n = 16     root = 8.4236617172016e+01
50 ** 10. a = 0.4 i = 6 n = 17     root = 8.9437563394757e+01
50 ** 10. a = 0.4 i = 6 n = 18     root = 9.4648277694607e+01
50 ** 10. a = 0.4 i = 6 n = 19     root = 9.987218485716e+01
50 ** 10. a = 0.4 i = 6 n = 20     root = 1.0509888627014e+02
50 ** 10. a = 0.4 i = 6 n = 21     root = 1.103666827162e+02
50 ** 10. a = 0.4 i = 6 n = 22     root = 1.1463379394e+02
50 ** 10. a = 0.4 i = 6 n = 23     root = 1.206989633472e+02
50 ** 10. a = 0.4 i = 6 n = 24     root = 1.259189827918e+02
50 ** 10. a = 0.4 i = 6 n = 25     root = 1.31133826784e+02
50 ** 10. a = 0.4 i = 6 n = 26     root = 1.3638357660530e+02
50 ** 10. a = 0.4 i = 6 n = 27     root = 1.4157801387049e+02
50 ** 10. a = 0.4 i = 6 n = 28     root = 1.4680267618747e+02
50 ** 10. a = 0.4 i = 6 n = 29     root = 1.5204242921958e+02
50 ** 10. a = 0.4 i = 6 n = 30     root = 1.57288792714e+02

```

c
c
c

58	10.	a	0.4	1	7	n	1	root = 1.16951268723635+0i
58	10.	a	0.4	1	7	n	2	root = 1.5274638382301e+01
58	10.	a	0.4	1	7	n	3	root = 1.9301184471238e+01
58	10.	a	0.4	1	7	n	4	root = 2.3578366317823e+01
58	10.	a	0.4	1	7	n	5	root = 2.8227823008680e+01
58	10.	a	0.4	1	7	n	6	root = 3.34062394414e+01
58	10.	a	0.4	1	7	n	7	root = 3.8932032125357e+01
58	10.	a	0.4	1	7	n	8	root = 4.4367361368857e+01
58	10.	a	0.4	1	7	n	9	root = 4.994426688297e+01
58	10.	a	0.4	1	7	n	10	root = 5.530878822365e+01
58	10.	a	0.4	1	7	n	11	root = 5.8948416904002e+01
58	10.	a	0.4	1	7	n	12	root = 6.2761701668613e+01
58	10.	a	0.4	1	7	n	13	root = 6.6832776381085e+01
58	10.	a	0.4	1	7	n	14	root = 7.1094267617658e+01
58	10.	a	0.4	1	7	n	15	root = 7.555727293889e+01
58	10.	a	0.4	1	7	n	16	root = 8.0444751668943e+01
58	10.	a	0.4	1	7	n	17	root = 8.56948493889e+01
58	10.	a	0.4	1	7	n	18	root = 9.126894884515e+01
58	10.	a	0.4	1	7	n	19	root = 1.0002329328017e+02
58	10.	a	0.4	1	7	n	20	root = 1.0522402327068e+02
58	10.	a	0.4	1	7	n	21	root = 1.1042806083607e+02
58	10.	a	0.4	1	7	n	22	root = 1.1563501594947e+02
58	10.	a	0.4	1	7	n	23	root = 1.2084445142788e+02
58	10.	a	0.4	1	7	n	24	root = 1.2605617336278e+02
58	10.	a	0.4	1	7	n	25	root = 1.3126973773617e+02
58	10.	a	0.4	1	7	n	26	root = 1.3648511410281e+02
58	10.	a	0.4	1	7	n	27	root = 1.4170201261338e+02
58	10.	a	0.4	1	7	n	28	root = 1.4692024947831e+02
58	10.	a	0.4	1	7	n	29	root = 1.521391010687e+02
58	10.	a	0.4	1	7	n	30	root = 1.5735827249362e+02

c
c
c

58	10.	a	0.4	1	8	n	1	root = 1.2793666653013e+01
58	10.	a	0.4	1	8	n	2	root = 1.6714568795195e+01
58	10.	a	0.4	1	8	n	3	root = 2.061651926265e+01
58	10.	a	0.4	1	8	n	4	root = 2.4692197273778e+01
58	10.	a	0.4	1	8	n	5	root = 2.8941732329457e+01
58	10.	a	0.4	1	8	n	6	root = 3.405932203694e+01
58	10.	a	0.4	1	8	n	7	root = 3.821263743681e+01
58	10.	a	0.4	1	8	n	8	root = 4.3594849562793e+01
58	10.	a	0.4	1	8	n	9	root = 4.869363773935e+01
58	10.	a	0.4	1	8	n	10	root = 5.3386337374282e+01
58	10.	a	0.4	1	8	n	11	root = 5.8690735365772e+01
58	10.	a	0.4	1	8	n	12	root = 6.409798944306e+01
58	10.	a	0.4	1	8	n	13	root = 6.9284719389787e+01
58	10.	a	0.4	1	8	n	14	root = 7.4368609438193e+01
58	10.	a	0.4	1	8	n	15	root = 7.921267115902e+01
58	10.	a	0.4	1	8	n	16	root = 8.403818437130e+01
58	10.	a	0.4	1	8	n	17	root = 8.8868888897301e+01
58	10.	a	0.4	1	8	n	18	root = 9.503894277878e+01
58	10.	a	0.4	1	8	n	19	root = 1.022426028480e+02
58	10.	a	0.4	1	8	n	20	root = 1.0941497652201e+02
58	10.	a	0.4	1	8	n	21	root = 1.166958087938e+02
58	10.	a	0.4	1	8	n	22	root = 1.2411010826946e+02
58	10.	a	0.4	1	8	n	23	root = 1.2621944708528e+02
58	10.	a	0.4	1	8	n	24	root = 1.3142271688371e+02
58	10.	a	0.4	1	8	n	25	root = 1.3663211946688e+02
58	10.	a	0.4	1	8	n	26	root = 1.4184363251018e+02
58	10.	a	0.4	1	8	n	27	root = 1.4705888204492e+02
58	10.	a	0.4	1	8	n	28	root = 1.5227157888943e+02
58	10.	a	0.4	1	8	n	29	root = 1.5748773231315e+02

```

c
c
c
50 # 10. a = 0.4 | = 9 n = 1 root = 1.3516988757853e+01
50 # 10. a = 0.4 | = 9 n = 2 root = 1.7874947689936e+01
50 # 10. a = 0.4 | = 9 n = 3 root = 2.1694329319276e+01
50 # 10. a = 0.4 | = 9 n = 4 root = 2.5757312113151e+01
50 # 10. a = 0.4 | = 9 n = 5 root = 3.0129431446769e+01
50 # 10. a = 0.4 | = 9 n = 6 root = 3.4786333333333e+01
50 # 10. a = 0.4 | = 9 n = 7 root = 3.96236946119e+01
50 # 10. a = 0.4 | = 9 n = 8 root = 4.43763697652e+01
50 # 10. a = 0.4 | = 9 n = 9 root = 4.932665192436e+01
50 # 10. a = 0.4 | = 9 n = 10 root = 5.4331198140346e+01
50 # 10. a = 0.4 | = 9 n = 11 root = 5.9376409366064e+01
50 # 10. a = 0.4 | = 9 n = 12 root = 6.4452323502375e+01
50 # 10. a = 0.4 | = 9 n = 13 root = 6.9552361603716e+01
50 # 10. a = 0.4 | = 9 n = 14 root = 7.467183337595e+01
50 # 10. a = 0.4 | = 9 n = 15 root = 7.9806326944910e+01
50 # 10. a = 0.4 | = 9 n = 16 root = 8.495333763376e+01
50 # 10. a = 0.4 | = 9 n = 17 root = 9.0110669445212e+01
50 # 10. a = 0.4 | = 9 n = 18 root = 9.527699877910e+01
50 # 10. a = 0.4 | = 9 n = 19 root = 1.0045000771876e+02
50 # 10. a = 0.4 | = 9 n = 20 root = 1.056353736950e+02
50 # 10. a = 0.4 | = 9 n = 21 root = 1.1081441050699e+02
50 # 10. a = 0.4 | = 9 n = 22 root = 1.160390362600e+02
50 # 10. a = 0.4 | = 9 n = 23 root = 1.2117420744636e+02
50 # 10. a = 0.4 | = 9 n = 24 root = 1.263946099769e+02
50 # 10. a = 0.4 | = 9 n = 25 root = 1.3159460971211e+02
50 # 10. a = 0.4 | = 9 n = 26 root = 1.367974662946e+02
50 # 10. a = 0.4 | = 9 n = 27 root = 1.420028395765e+02
50 # 10. a = 0.4 | = 9 n = 28 root = 1.472103967786e+02
50 # 10. a = 0.4 | = 9 n = 29 root = 1.524193357619e+02
50 # 10. a = 0.4 | = 9 n = 30 root = 1.576310803436e+02

```

```

c
c
c
50 # 10. a = 0.4 | = 10 n = 1 root = 1.503394934739e+01
50 # 10. a = 0.4 | = 10 n = 2 root = 1.9042711453060e+01
50 # 10. a = 0.4 | = 10 n = 3 root = 2.261827620515e+01
50 # 10. a = 0.4 | = 10 n = 4 root = 2.6753488156657e+01
50 # 10. a = 0.4 | = 10 n = 5 root = 3.056949492778e+01
50 # 10. a = 0.4 | = 10 n = 6 root = 3.497673877058e+01
50 # 10. a = 0.4 | = 10 n = 7 root = 4.015045947725e+01
50 # 10. a = 0.4 | = 10 n = 8 root = 4.4951239170251e+01
50 # 10. a = 0.4 | = 10 n = 9 root = 4.984063067427e+01
50 # 10. a = 0.4 | = 10 n = 10 root = 5.479813628263e+01
50 # 10. a = 0.4 | = 10 n = 11 root = 5.9803686187416e+01
50 # 10. a = 0.4 | = 10 n = 12 root = 6.484464763278e+01
50 # 10. a = 0.4 | = 10 n = 13 root = 6.991576368319e+01
50 # 10. a = 0.4 | = 10 n = 14 root = 7.5009732406526e+01
50 # 10. a = 0.4 | = 10 n = 15 root = 8.012229152692e+01
50 # 10. a = 0.4 | = 10 n = 16 root = 8.524926292610e+01
50 # 10. a = 0.4 | = 10 n = 17 root = 9.039010832769e+01
50 # 10. a = 0.4 | = 10 n = 18 root = 9.5546273614374e+01
50 # 10. a = 0.4 | = 10 n = 19 root = 1.0070042040711e+02
50 # 10. a = 0.4 | = 10 n = 20 root = 1.059277726160e+02
50 # 10. a = 0.4 | = 10 n = 21 root = 1.110412303324e+02
50 # 10. a = 0.4 | = 10 n = 22 root = 1.162061171900e+02
50 # 10. a = 0.4 | = 10 n = 23 root = 1.214363883521e+02
50 # 10. a = 0.4 | = 10 n = 24 root = 1.2659319850202e+02
50 # 10. a = 0.4 | = 10 n = 25 root = 1.3178940862480e+02
50 # 10. a = 0.4 | = 10 n = 26 root = 1.3698100474056e+02
50 # 10. a = 0.4 | = 10 n = 27 root = 1.4217928120325e+02
50 # 10. a = 0.4 | = 10 n = 28 root = 1.4738682042634e+02
50 # 10. a = 0.4 | = 10 n = 29 root = 1.5259447377703e+02
50 # 10. a = 0.4 | = 10 n = 30 root = 1.5779323627954e+02

```

```

c
c
30 * 10. a a 0.4 = 11 n = 1 root = 1.6144695157899e+01
30 * 10. a a 0.4 = 11 n = 2 root = 2.0211532594217e+01
30 * 10. a a 0.4 = 11 n = 3 root = 2.3673476900947e+01
30 * 10. a a 0.4 = 11 n = 4 root = 2.7807927653363e+01
30 * 10. a a 0.4 = 11 n = 5 root = 3.1928143001195e+01
30 * 10. a a 0.4 = 11 n = 6 root = 3.6276871679391e+01
30 * 10. a a 0.4 = 11 n = 7 root = 4.085163714652e+01
30 * 10. a a 0.4 = 11 n = 8 root = 4.5577726137605e+01
30 * 10. a a 0.4 = 11 n = 9 root = 5.046627274031e+01
30 * 10. a a 0.4 = 11 n = 10 root = 5.5308517947060e+01
30 * 10. a a 0.4 = 11 n = 11 root = 6.020361470694e+01
30 * 10. a a 0.4 = 11 n = 12 root = 6.5245111929431e+01
30 * 10. a a 0.4 = 11 n = 13 root = 7.031371596975e+01
30 * 10. a a 0.4 = 11 n = 14 root = 7.5398201106875e+01
30 * 10. a a 0.4 = 11 n = 15 root = 8.049871599595e+01
30 * 10. a a 0.4 = 11 n = 16 root = 8.5615272409768e+01
30 * 10. a a 0.4 = 11 n = 17 root = 9.084793003437e+01
30 * 10. a a 0.4 = 11 n = 18 root = 9.609377976205e+01
30 * 10. a a 0.4 = 11 n = 19 root = 1.007575719697e+02
30 * 10. a a 0.4 = 11 n = 20 root = 1.061899876651e+02
30 * 10. a a 0.4 = 11 n = 21 root = 1.1129036331977e+02
30 * 10. a a 0.4 = 11 n = 22 root = 1.169494365785e+02
30 * 10. a a 0.4 = 11 n = 23 root = 1.2163239969571e+02
30 * 10. a a 0.4 = 11 n = 24 root = 1.2681149316917e+02
30 * 10. a a 0.4 = 11 n = 25 root = 1.3159303273155e+02
30 * 10. a a 0.4 = 11 n = 26 root = 1.3718386103489e+02
30 * 10. a a 0.4 = 11 n = 27 root = 1.42573962323610e+02
30 * 10. a a 0.4 = 11 n = 28 root = 1.4785811702054e+02
30 * 10. a a 0.4 = 11 n = 29 root = 1.527953765249e+02
30 * 10. a a 0.4 = 11 n = 30 root = 1.5739515994277e+02
c
c
30 * 10. a a 0.4 = 12 n = 1 root = 1.729506699185e+01
30 * 10. a a 0.4 = 12 n = 2 root = 2.137127426315e+01
30 * 10. a a 0.4 = 12 n = 3 root = 2.5147529726126e+01
30 * 10. a a 0.4 = 12 n = 4 root = 2.891016428603e+01
30 * 10. a a 0.4 = 12 n = 5 root = 3.26606600349e+01
30 * 10. a a 0.4 = 12 n = 6 root = 3.71396392242e+01
30 * 10. a a 0.4 = 12 n = 7 root = 4.151460394574e+01
30 * 10. a a 0.4 = 12 n = 8 root = 4.6225425153421e+01
30 * 10. a a 0.4 = 12 n = 9 root = 5.101414428709e+01
30 * 10. a a 0.4 = 12 n = 10 root = 5.586189018229e+01
30 * 10. a a 0.4 = 12 n = 11 root = 6.077998205701e+01
30 * 10. a a 0.4 = 12 n = 12 root = 6.574103963927e+01
30 * 10. a a 0.4 = 12 n = 13 root = 7.074056001175e+01
30 * 10. a a 0.4 = 12 n = 14 root = 7.578931769942e+01
30 * 10. a a 0.4 = 12 n = 15 root = 8.088663160039e+01
30 * 10. a a 0.4 = 12 n = 16 root = 8.5932424627645e+01
30 * 10. a a 0.4 = 12 n = 17 root = 9.103467007026e+01
30 * 10. a a 0.4 = 12 n = 18 root = 9.61936993425e+01
30 * 10. a a 0.4 = 12 n = 19 root = 1.0127472443681e+02
30 * 10. a a 0.4 = 12 n = 20 root = 1.064139291902e+02
30 * 10. a a 0.4 = 12 n = 21 root = 1.115916669663e+02
30 * 10. a a 0.4 = 12 n = 22 root = 1.167116940194e+02
30 * 10. a a 0.4 = 12 n = 23 root = 1.2188046821421e+02
30 * 10. a a 0.4 = 12 n = 24 root = 1.2709636981131e+02
30 * 10. a a 0.4 = 12 n = 25 root = 1.3226236138075e+02
30 * 10. a a 0.4 = 12 n = 26 root = 1.3740241394071e+02
30 * 10. a a 0.4 = 12 n = 27 root = 1.4259901208093e+02
30 * 10. a a 0.4 = 12 n = 28 root = 1.477328293705e+02
30 * 10. a a 0.4 = 12 n = 29 root = 1.5289929139940e+02
30 * 10. a a 0.4 = 12 n = 30 root = 1.5810663936810e+02

```

```

c
c
c
99 = 10. a = 0.4 | = 13 n = 1      root = 1.095182002704e+01
99 = 10. a = 0.4 | = 13 n = 2      root = 2.2539211761467e+01
99 = 10. a = 0.4 | = 13 n = 3      root = 2.633102794336e+01
99 = 10. a = 0.4 | = 13 n = 4      root = 3.0044303930132e+01
99 = 10. a = 0.4 | = 13 n = 5      root = 3.367336366783e+01
99 = 10. a = 0.4 | = 13 n = 6      root = 3.679606923945e+01
99 = 10. a = 0.4 | = 13 n = 7      root = 4.2428902662395e+01
99 = 10. a = 0.4 | = 13 n = 8      root = 4.6890407647873e+01
99 = 10. a = 0.4 | = 13 n = 9      root = 5.188870110032e+01
99 = 10. a = 0.4 | = 13 n = 10     root = 5.8457126046733e+01
99 = 10. a = 0.4 | = 13 n = 11     root = 6.132155526732e+01
99 = 10. a = 0.4 | = 13 n = 12     root = 6.624369943544e+01
99 = 10. a = 0.4 | = 13 n = 13     root = 7.121236971258e+01
99 = 10. a = 0.4 | = 13 n = 14     root = 7.621794271168e+01
99 = 10. a = 0.4 | = 13 n = 15     root = 8.125236421043e+01
99 = 10. a = 0.4 | = 13 n = 16     root = 8.631160259836e+01
99 = 10. a = 0.4 | = 13 n = 17     root = 9.1391051630707e+01
99 = 10. a = 0.4 | = 13 n = 18     root = 9.647594394735e+01
99 = 10. a = 0.4 | = 13 n = 19     root = 1.015683398407e+02
99 = 10. a = 0.4 | = 13 n = 20     root = 1.0672144259462e+02
99 = 10. a = 0.4 | = 13 n = 21     root = 1.1199512940076e+02
99 = 10. a = 0.4 | = 13 n = 22     root = 1.188679732153e+02
99 = 10. a = 0.4 | = 13 n = 23     root = 1.261495112939e+02
99 = 10. a = 0.4 | = 13 n = 24     root = 1.273088874157e+02
99 = 10. a = 0.4 | = 13 n = 25     root = 1.324706911234e+02
99 = 10. a = 0.4 | = 13 n = 26     root = 1.3764030271792e+02
99 = 10. a = 0.4 | = 13 n = 27     root = 1.4281463897384e+02
99 = 10. a = 0.4 | = 13 n = 28     root = 1.4798534886191e+02
99 = 10. a = 0.4 | = 13 n = 29     root = 1.531792036322e+02
99 = 10. a = 0.4 | = 13 n = 30     root = 1.5838222235109e+02

```

```

c
c
c
99 = 10. a = 0.4 | = 14 n = 1      root = 1.944770944513e+01
99 = 10. a = 0.4 | = 14 n = 2      root = 2.3685782216312e+01
99 = 10. a = 0.4 | = 14 n = 3      root = 2.7917527084326e+01
99 = 10. a = 0.4 | = 14 n = 4      root = 3.1214468333152e+01
99 = 10. a = 0.4 | = 14 n = 5      root = 3.500405600330e+01
99 = 10. a = 0.4 | = 14 n = 6      root = 3.9024804078387e+01
99 = 10. a = 0.4 | = 14 n = 7      root = 4.3501295653714e+01
99 = 10. a = 0.4 | = 14 n = 8      root = 4.73837130415e+01
99 = 10. a = 0.4 | = 14 n = 9      root = 5.235728074513e+01
99 = 10. a = 0.4 | = 14 n = 10     root = 5.76930294794e+01
99 = 10. a = 0.4 | = 14 n = 11     root = 6.193482842762e+01
99 = 10. a = 0.4 | = 14 n = 12     root = 6.678259376712e+01
99 = 10. a = 0.4 | = 14 n = 13     root = 7.171203653138e+01
99 = 10. a = 0.4 | = 14 n = 14     root = 7.683372152293e+01
99 = 10. a = 0.4 | = 14 n = 15     root = 8.188888247585e+01
99 = 10. a = 0.4 | = 14 n = 16     root = 8.720202994935e+01
99 = 10. a = 0.4 | = 14 n = 17     root = 9.178280701621e+01
99 = 10. a = 0.4 | = 14 n = 18     root = 9.663343774169e+01
99 = 10. a = 0.4 | = 14 n = 19     root = 1.018480346927e+02
99 = 10. a = 0.4 | = 14 n = 20     root = 1.072322174757e+02
99 = 10. a = 0.4 | = 14 n = 21     root = 1.12785382464e+02
99 = 10. a = 0.4 | = 14 n = 22     root = 1.1758894657823e+02
99 = 10. a = 0.4 | = 14 n = 23     root = 1.2264373494832e+02
99 = 10. a = 0.4 | = 14 n = 24     root = 1.279530369223e+02
99 = 10. a = 0.4 | = 14 n = 25     root = 1.327392364185e+02
99 = 10. a = 0.4 | = 14 n = 26     root = 1.379938820491e+02
99 = 10. a = 0.4 | = 14 n = 27     root = 1.4333801119712e+02
99 = 10. a = 0.4 | = 14 n = 28     root = 1.482310728310e+02
99 = 10. a = 0.4 | = 14 n = 29     root = 1.534059423338e+02
99 = 10. a = 0.4 | = 14 n = 30     root = 1.589842727887e+02

```

```

c
c
**= 10. a . 0.4 | = 15 n = 1      root = 2.0740231957635e+01
**= 10. a . 0.4 | = 15 n = 2      root = 2.4843553783254e+01
**= 10. a . 0.4 | = 15 n = 3      root = 2.8703049049401e+01
**= 10. a . 0.4 | = 15 n = 4      root = 3.2387831768259e+01
**= 10. a . 0.4 | = 15 n = 5      root = 3.5812819384151e+01
**= 10. a . 0.4 | = 15 n = 6      root = 4.0042037803889e+01
**= 10. a . 0.4 | = 15 n = 7      root = 4.4203245171973e+01
**= 10. a . 0.4 | = 15 n = 8      root = 4.837355381124e+01
**= 10. a . 0.4 | = 15 n = 9      root = 5.3109771134975e+01
**= 10. a . 0.4 | = 15 n = 10     root = 5.77032498422e+01
**= 10. a . 0.4 | = 15 n = 11     root = 6.255380051284e+01
**= 10. a . 0.4 | = 15 n = 12     root = 6.73555227035e+01
**= 10. a . 0.4 | = 15 n = 13     root = 7.2245348531844e+01
**= 10. a . 0.4 | = 15 n = 14     root = 7.7181086780382e+01
**= 10. a . 0.4 | = 15 n = 15     root = 8.2183018042784e+01
**= 10. a . 0.4 | = 15 n = 16     root = 8.7150383871988e+01
**= 10. a . 0.4 | = 15 n = 17     root = 9.2191921803878e+01
**= 10. a . 0.4 | = 15 n = 18     root = 9.724946288215e+01
**= 10. a . 0.4 | = 15 n = 19     root = 1.0231767110638e+02
**= 10. a . 0.4 | = 15 n = 20     root = 1.0740997119843e+02
**= 10. a . 0.4 | = 15 n = 21     root = 1.125778288889e+02
**= 10. a . 0.4 | = 15 n = 22     root = 1.1782189867870e+02
**= 10. a . 0.4 | = 15 n = 23     root = 1.2274688673243e+02
**= 10. a . 0.4 | = 15 n = 24     root = 1.2787890944671e+02
**= 10. a . 0.4 | = 15 n = 25     root = 1.330583838875e+02
**= 10. a . 0.4 | = 15 n = 26     root = 1.3816868279411e+02
**= 10. a . 0.4 | = 15 n = 27     root = 1.4324470213898e+02
**= 10. a . 0.4 | = 15 n = 28     root = 1.4848248844125e+02
**= 10. a . 0.4 | = 15 n = 29     root = 1.5382514067861e+02
**= 10. a . 0.4 | = 15 n = 30     root = 1.5882194878241e+02

c
c
**= 10. a . 0.5 | = 1 n = 1      root = 6.3993705386302e+00
**= 10. a . 0.5 | = 1 n = 2      root = 1.2529373038412e+01
**= 10. a . 0.5 | = 1 n = 3      root = 1.8758407681889e+01
**= 10. a . 0.5 | = 1 n = 4      root = 2.5014341748389e+01
**= 10. a . 0.5 | = 1 n = 5      root = 3.1281182818344e+01
**= 10. a . 0.5 | = 1 n = 6      root = 3.7523512820983e+01
**= 10. a . 0.5 | = 1 n = 7      root = 4.369583680990e+01
**= 10. a . 0.5 | = 1 n = 8      root = 5.018382611180e+01
**= 10. a . 0.5 | = 1 n = 9      root = 5.6389027088889e+01
**= 10. a . 0.5 | = 1 n = 10     root = 6.2894618821885e+01
**= 10. a . 0.5 | = 1 n = 11     root = 6.894488477828e+01
**= 10. a . 0.5 | = 1 n = 12     root = 7.5285603783255e+01
**= 10. a . 0.5 | = 1 n = 13     root = 8.1506721571635e+01
**= 10. a . 0.5 | = 1 n = 14     root = 8.788138208807e+01
**= 10. a . 0.5 | = 1 n = 15     root = 9.468578888832e+01
**= 10. a . 0.5 | = 1 n = 16     root = 1.0035183248087e+02
**= 10. a . 0.5 | = 1 n = 17     root = 1.0683363839407e+02
**= 10. a . 0.5 | = 1 n = 18     root = 1.1281877013803e+02
**= 10. a . 0.5 | = 1 n = 19     root = 1.1915801888389e+02
**= 10. a . 0.5 | = 1 n = 20     root = 1.2548038810378e+02
**= 10. a . 0.5 | = 1 n = 21     root = 1.317887778888e+02
**= 10. a . 0.5 | = 1 n = 22     root = 1.3804528771284e+02
**= 10. a . 0.5 | = 1 n = 23     root = 1.4432781800105e+02
**= 10. a . 0.5 | = 1 n = 24     root = 1.5061042830880e+02
**= 10. a . 0.5 | = 1 n = 25     root = 1.5688307423789e+02
**= 10. a . 0.5 | = 1 n = 26     root = 1.6317578840748e+02
**= 10. a . 0.5 | = 1 n = 27     root = 1.6948948821788e+02
**= 10. a . 0.5 | = 1 n = 28     root = 1.7574182873285e+02
**= 10. a . 0.5 | = 1 n = 29     root = 1.8202404788784e+02
**= 10. a . 0.5 | = 1 n = 30     root = 1.883788873888e+02

```



```

c
c
** 10. a^ 0.5 | a^ 2 n^ 1 root = 6.97530030958e+00
** 10. a^ 0.5 | a^ 2 n^ 2 root = 1.83478414937e+01
** 10. a^ 0.5 | a^ 2 n^ 3 root = 1.8873053717105e+01
** 10. a^ 0.5 | a^ 2 n^ 4 root = 2.5170013493467e+01
** 10. a^ 0.5 | a^ 2 n^ 5 root = 3.141004775232e+01
** 10. a^ 0.5 | a^ 2 n^ 6 root = 3.783785034287e+01
** 10. a^ 0.5 | a^ 2 n^ 7 root = 4.3520017049351e+01
** 10. a^ 0.5 | a^ 2 n^ 8 root = 5.016329447780e+01
** 10. a^ 0.5 | a^ 2 n^ 9 root = 5.84933223088e+01
** 10. a^ 0.5 | a^ 2 n^ 10 root = 6.728777188267e+01
** 10. a^ 0.5 | a^ 2 n^ 11 root = 6.300319528913e+01
** 10. a^ 0.5 | a^ 2 n^ 12 root = 7.257501438330e+01
** 10. a^ 0.5 | a^ 2 n^ 13 root = 8.156600238382e+01
** 10. a^ 0.5 | a^ 2 n^ 14 root = 8.783367650059e+01
** 10. a^ 0.5 | a^ 2 n^ 15 root = 9.4112467483779e+01
** 10. a^ 0.5 | a^ 2 n^ 16 root = 1.0039183211989e+02
** 10. a^ 0.5 | a^ 2 n^ 17 root = 1.0657127177699e+02
** 10. a^ 0.5 | a^ 2 n^ 18 root = 1.1255130589157e+02
** 10. a^ 0.5 | a^ 2 n^ 19 root = 1.1825167482062e+02
** 10. a^ 0.5 | a^ 2 n^ 20 root = 1.2351252948300e+02
** 10. a^ 0.5 | a^ 2 n^ 21 root = 1.317821833857e+02
** 10. a^ 0.5 | a^ 2 n^ 22 root = 1.380743205700e+02
** 10. a^ 0.5 | a^ 2 n^ 23 root = 1.4439280411039e+02
** 10. a^ 0.5 | a^ 2 n^ 24 root = 1.506370488200e+02
** 10. a^ 0.5 | a^ 2 n^ 25 root = 1.568182529108e+02
** 10. a^ 0.5 | a^ 2 n^ 26 root = 1.6300033902870e+02
** 10. a^ 0.5 | a^ 2 n^ 27 root = 1.6942615193822e+02
** 10. a^ 0.5 | a^ 2 n^ 28 root = 1.757806574044e+02
** 10. a^ 0.5 | a^ 2 n^ 29 root = 1.820486778833e+02
** 10. a^ 0.5 | a^ 2 n^ 30 root = 1.883281466329e+02

c
c
** 10. a^ 0.5 | a^ 3 n^ 1 root = 7.746990038845e+00
** 10. a^ 0.5 | a^ 3 n^ 2 root = 1.3211085940310e+01
** 10. a^ 0.5 | a^ 3 n^ 3 root = 1.929084114e+01
** 10. a^ 0.5 | a^ 3 n^ 4 root = 2.5912946188101e+01
** 10. a^ 0.5 | a^ 3 n^ 5 root = 3.182861142719e+01
** 10. a^ 0.5 | a^ 3 n^ 6 root = 3.7821203337981e+01
** 10. a^ 0.5 | a^ 3 n^ 7 root = 4.4082801258379e+01
** 10. a^ 0.5 | a^ 3 n^ 8 root = 5.03819582718e+01
** 10. a^ 0.5 | a^ 3 n^ 9 root = 5.6833280746811e+01
** 10. a^ 0.5 | a^ 3 n^ 10 root = 6.320491272321e+01
** 10. a^ 0.5 | a^ 3 n^ 11 root = 6.90582822870e+01
** 10. a^ 0.5 | a^ 3 n^ 12 root = 7.5390699291649e+01
** 10. a^ 0.5 | a^ 3 n^ 13 root = 8.182878318187e+01
** 10. a^ 0.5 | a^ 3 n^ 14 root = 8.792438294838e+01
** 10. a^ 0.5 | a^ 3 n^ 15 root = 9.417846121025e+01
** 10. a^ 0.5 | a^ 3 n^ 16 root = 1.0049180539005e+02
** 10. a^ 0.5 | a^ 3 n^ 17 root = 1.0672770943787e+02
** 10. a^ 0.5 | a^ 3 n^ 18 root = 1.1300429339771e+02
** 10. a^ 0.5 | a^ 3 n^ 19 root = 1.1938214810147e+02
** 10. a^ 0.5 | a^ 3 n^ 20 root = 1.259008871800e+02
** 10. a^ 0.5 | a^ 3 n^ 21 root = 1.318288881038e+02
** 10. a^ 0.5 | a^ 3 n^ 22 root = 1.381178872526e+02
** 10. a^ 0.5 | a^ 3 n^ 23 root = 1.4439727334678e+02
** 10. a^ 0.5 | a^ 3 n^ 24 root = 1.508786742403e+02
** 10. a^ 0.5 | a^ 3 n^ 25 root = 1.568228788580e+02
** 10. a^ 0.5 | a^ 3 n^ 26 root = 1.6323718838789e+02
** 10. a^ 0.5 | a^ 3 n^ 27 root = 1.6942615193822e+02
** 10. a^ 0.5 | a^ 3 n^ 28 root = 1.757806574044e+02
** 10. a^ 0.5 | a^ 3 n^ 29 root = 1.820486778833e+02
** 10. a^ 0.5 | a^ 3 n^ 30 root = 1.883281466329e+02

```

```

c
c
** 10. a 0.5 1 4 n 1 root = 8.9452441509173e+00
** 10. a 0.5 1 4 n 2 root = 1.35048466207e-01
** 10. a 0.5 1 4 n 3 root = 1.9707136940876e+01
** 10. a 0.5 1 4 n 4 root = 2.573246384792e+01
** 10. a 0.5 1 4 n 5 root = 3.1657420811625e+01
** 10. a 0.5 1 4 n 6 root = 3.6204176102215e+01
** 10. a 0.5 1 4 n 7 root = 4.124103974174e+01
** 10. a 0.5 1 4 n 8 root = 5.046666352563e+01
** 10. a 0.5 1 4 n 9 root = 5.67094300225e+01
** 10. a 0.5 1 4 n 10 root = 6.292894769026e+01
** 10. a 0.5 1 4 n 11 root = 6.920936145730e+01
** 10. a 0.5 1 4 n 12 root = 7.54622670424e+01
** 10. a 0.5 1 4 n 13 root = 8.172836877735e+01
** 10. a 0.5 1 4 n 14 root = 8.79932251022e+01
** 10. a 0.5 1 4 n 15 root = 9.426171602697e+01
** 10. a 0.5 1 4 n 16 root = 1.0053152500674e+02
** 10. a 0.5 1 4 n 17 root = 1.068028111847e+02
** 10. a 0.5 1 4 n 18 root = 1.1307561137626e+02
** 10. a 0.5 1 4 n 19 root = 1.193484176365e+02
** 10. a 0.5 1 4 n 20 root = 1.2562118439201e+02
** 10. a 0.5 1 4 n 21 root = 1.3189371693276e+02
** 10. a 0.5 1 4 n 22 root = 1.3817654423012e+02
** 10. a 0.5 1 4 n 23 root = 1.4445931660922e+02
** 10. a 0.5 1 4 n 24 root = 1.507301979662e+02
** 10. a 0.5 1 4 n 25 root = 1.570000466551e+02
** 10. a 0.5 1 4 n 26 root = 1.63269303004e+02
** 10. a 0.5 1 4 n 27 root = 1.695692710060e+02
** 10. a 0.5 1 4 n 28 root = 1.7591367711523e+02
** 10. a 0.5 1 4 n 29 root = 1.8212312101059e+02
** 10. a 0.5 1 4 n 30 root = 1.884026276674e+02

c
c
** 10. a 0.5 1 5 n 1 root = 9.6374307457681e+00
** 10. a 0.5 1 5 n 2 root = 1.461183961161e+01
** 10. a 0.5 1 5 n 3 root = 2.0216319049057e+01
** 10. a 0.5 1 5 n 4 root = 2.612374693363e+01
** 10. a 0.5 1 5 n 5 root = 3.2117362112255e+01
** 10. a 0.5 1 5 n 6 root = 3.82894982929e+01
** 10. a 0.5 1 5 n 7 root = 4.46305276724e+01
** 10. a 0.5 1 5 n 8 root = 5.114226666222e+01
** 10. a 0.5 1 5 n 9 root = 5.78257633037e+01
** 10. a 0.5 1 5 n 10 root = 6.458205460639e+01
** 10. a 0.5 1 5 n 11 root = 7.150205190496e+01
** 10. a 0.5 1 5 n 12 root = 7.858620520570e+01
** 10. a 0.5 1 5 n 13 root = 8.5834198167611e+01
** 10. a 0.5 1 5 n 14 root = 9.3246791743631e+01
** 10. a 0.5 1 5 n 15 root = 1.0082500102761e+02
** 10. a 0.5 1 5 n 16 root = 1.0853134795312e+02
** 10. a 0.5 1 5 n 17 root = 1.163880922109e+02
** 10. a 0.5 1 5 n 18 root = 1.243952639144e+02
** 10. a 0.5 1 5 n 19 root = 1.325539313835e+02
** 10. a 0.5 1 5 n 20 root = 1.4087339904277e+02
** 10. a 0.5 1 5 n 21 root = 1.493542072229e+02
** 10. a 0.5 1 5 n 22 root = 1.579965220365e+02
** 10. a 0.5 1 5 n 23 root = 1.668002204574e+02
** 10. a 0.5 1 5 n 24 root = 1.75765488876e+02
** 10. a 0.5 1 5 n 25 root = 1.847918681346e+02
** 10. a 0.5 1 5 n 26 root = 1.939796890026e+02
** 10. a 0.5 1 5 n 27 root = 2.03329043170218e+02
** 10. a 0.5 1 5 n 28 root = 2.128409768333e+02
** 10. a 0.5 1 5 n 29 root = 2.2251481463277e+02
** 10. a 0.5 1 5 n 30 root = 2.323508184670e+02

```

```

c
c
** 10. a= 0.5 l= 6 n= 1      root = 1.077393169395e+01
** 10. a= 0.5 l= 6 n= 2      root = 1.5418759132440e+01
** 10. a= 0.5 l= 6 n= 3      root = 2.0812120201694e+01
** 10. a= 0.5 l= 6 n= 4      root = 2.696994604513e+01
** 10. a= 0.5 l= 6 n= 5      root = 3.294629440284e+01
** 10. a= 0.5 l= 6 n= 6      root = 3.961459246775e+01
** 10. a= 0.5 l= 6 n= 7      root = 4.740293399361e+01
** 10. a= 0.5 l= 6 n= 8      root = 5.080494051616e+01
** 10. a= 0.5 l= 6 n= 9      root = 5.709494676366e+01
** 10. a= 0.5 l= 6 n= 10     root = 6.330370447322e+01
** 10. a= 0.5 l= 6 n= 11     root = 6.952394088895e+01
** 10. a= 0.5 l= 6 n= 12     root = 7.576627140782e+01
** 10. a= 0.5 l= 6 n= 13     root = 8.1999400243148e+01
** 10. a= 0.5 l= 6 n= 14     root = 8.824466611704e+01
** 10. a= 0.5 l= 6 n= 15     root = 9.4462597339405e+01
** 10. a= 0.5 l= 6 n= 16     root = 1.0075102943700e+02
** 10. a= 0.5 l= 6 n= 17     root = 1.0700949717423e+02
** 10. a= 0.5 l= 6 n= 18     root = 1.1327071476279e+02
** 10. a= 0.5 l= 6 n= 19     root = 1.1953424523378e+02
** 10. a= 0.5 l= 6 n= 20     root = 1.2579974215361e+02
** 10. a= 0.5 l= 6 n= 21     root = 1.3206624793904e+02
** 10. a= 0.5 l= 6 n= 22     root = 1.3833363603914e+02
** 10. a= 0.5 l= 6 n= 23     root = 1.44601946812705e+02
** 10. a= 0.5 l= 6 n= 24     root = 1.5087046070379e+02
** 10. a= 0.5 l= 6 n= 25     root = 1.5714046917930e+02
** 10. a= 0.5 l= 6 n= 26     root = 1.6342131803663e+02
** 10. a= 0.5 l= 6 n= 27     root = 1.6969493441946e+02
** 10. a= 0.5 l= 6 n= 28     root = 1.759623316035e+02
** 10. a= 0.5 l= 6 n= 29     root = 1.8224414942300e+02
** 10. a= 0.5 l= 6 n= 30     root = 1.8851951981774e+02

```

```

c
c
** 10. a= 0.5 l= 7 n= 1      root = 1.1733293799337e+01
** 10. a= 0.5 l= 7 n= 2      root = 1.6333588157270e+01
** 10. a= 0.5 l= 7 n= 3      root = 2.1467915399963e+01
** 10. a= 0.5 l= 7 n= 4      root = 2.7117633949618e+01
** 10. a= 0.5 l= 7 n= 5      root = 3.2833369265337e+01
** 10. a= 0.5 l= 7 n= 6      root = 3.9890057173792e+01
** 10. a= 0.5 l= 7 n= 7      root = 4.5093466295183e+01
** 10. a= 0.5 l= 7 n= 8      root = 5.1181424140238e+01
** 10. a= 0.5 l= 7 n= 9      root = 5.7341950126932e+01
** 10. a= 0.5 l= 7 n= 10     root = 6.3526119462337e+01
** 10. a= 0.5 l= 7 n= 11     root = 6.9783946243674e+01
** 10. a= 0.5 l= 7 n= 12     root = 7.5993870191774e+01
** 10. a= 0.5 l= 7 n= 13     root = 8.21699992614974e+01
** 10. a= 0.5 l= 7 n= 14     root = 8.8403980763577e+01
** 10. a= 0.5 l= 7 n= 15     root = 9.4644959393746e+01
** 10. a= 0.5 l= 7 n= 16     root = 1.0089049794624e+02
** 10. a= 0.5 l= 7 n= 17     root = 1.0714076621472e+02
** 10. a= 0.5 l= 7 n= 18     root = 1.13394724214651e+02
** 10. a= 0.5 l= 7 n= 19     root = 1.1965173762361e+02
** 10. a= 0.5 l= 7 n= 20     root = 1.2591133622094e+02
** 10. a= 0.5 l= 7 n= 21     root = 1.3217323444951e+02
** 10. a= 0.5 l= 7 n= 22     root = 1.38437042001874e+02
** 10. a= 0.5 l= 7 n= 23     root = 1.4470283000995e+02
** 10. a= 0.5 l= 7 n= 24     root = 1.509704930774417e+02
** 10. a= 0.5 l= 7 n= 25     root = 1.5723777376420e+02
** 10. a= 0.5 l= 7 n= 26     root = 1.6350718792434e+02
** 10. a= 0.5 l= 7 n= 27     root = 1.6977869999914e+02
** 10. a= 0.5 l= 7 n= 28     root = 1.7604999999999e+02
** 10. a= 0.5 l= 7 n= 29     root = 1.8232113243274e+02
** 10. a= 0.5 l= 7 n= 30     root = 1.8859403114016e+02

```

c
c
c

10	.	.	.	0.5	1	=	8	n	1	root = 1.2645182887785e+01
10	.	.	.	0.5	1	=	8	n	2	root = 1.727494265089e+01
10	.	.	.	0.5	1	=	8	n	3	root = 2.2278257476135e+01
10	.	.	.	0.5	1	=	8	n	4	root = 2.771362676335e+01
10	.	.	.	0.5	1	=	8	n	5	root = 3.347322357358e+01
10	.	.	.	0.5	1	=	8	n	6	root = 3.939418387603e+01
10	.	.	.	0.5	1	=	8	n	7	root = 4.5413417368047e+01
10	.	.	.	0.5	1	=	8	n	8	root = 5.146363337682e+01
10	.	.	.	0.5	1	=	8	n	9	root = 5.7622426749225e+01
10	.	.	.	0.5	1	=	8	n	10	root = 6.3779490297533e+01
10	.	.	.	0.5	1	=	8	n	11	root = 6.983302772822e+01
10	.	.	.	0.5	1	=	8	n	12	root = 7.6195700403089e+01
10	.	.	.	0.5	1	=	8	n	13	root = 8.2393259452759e+01
10	.	.	.	0.5	1	=	8	n	14	root = 8.8825720017656e+01
10	.	.	.	0.5	1	=	8	n	15	root = 9.4814330913091e+01
10	.	.	.	0.5	1	=	8	n	15	root = 1.010493328304e+02
10	.	.	.	0.5	1	=	8	n	17	root = 1.0720026519344e+02
10	.	.	.	0.5	1	=	8	n	18	root = 1.133533577124e+02
10	.	.	.	0.5	1	=	8	n	19	root = 1.1978336930009e+02
10	.	.	.	0.5	1	=	8	n	20	root = 1.2603889491378e+02
10	.	.	.	0.5	1	=	8	n	21	root = 1.3239495711448e+02
10	.	.	.	0.5	1	=	8	n	22	root = 1.3893294985071e+02
10	.	.	.	0.5	1	=	8	n	23	root = 1.4461341142827e+02
10	.	.	.	0.5	1	=	8	n	24	root = 1.5107676976874e+02
10	.	.	.	0.5	1	=	8	n	25	root = 1.5733678919759e+02
10	.	.	.	0.5	1	=	8	n	26	root = 1.632027873748e+02
10	.	.	.	0.5	1	=	8	n	27	root = 1.6887870283050e+02
10	.	.	.	0.5	1	=	8	n	28	root = 1.7614007962212e+02
10	.	.	.	0.5	1	=	8	n	29	root = 1.8240307363946e+02
10	.	.	.	0.5	1	=	8	n	30	root = 1.8857904705942e+02

c
c
c

10	.	.	.	0.5	1	=	9	n	1	root = 1.3945918533229e+01
10	.	.	.	0.5	1	=	9	n	2	root = 1.8289072604070e+01
10	.	.	.	0.5	1	=	9	n	3	root = 2.3025211304930e+01
10	.	.	.	0.5	1	=	9	n	4	root = 2.8371014705766e+01
10	.	.	.	0.5	1	=	9	n	5	root = 3.4017048404594e+01
10	.	.	.	0.5	1	=	9	n	6	root = 3.9930694765704e+01
10	.	.	.	0.5	1	=	9	n	7	root = 4.5813257768873e+01
10	.	.	.	0.5	1	=	9	n	8	root = 5.1848238417514e+01
10	.	.	.	0.5	1	=	9	n	9	root = 5.7937057977349e+01
10	.	.	.	0.5	1	=	9	n	10	root = 6.4039467663001e+01
10	.	.	.	0.5	1	=	9	n	11	root = 7.02178467193477e+01
10	.	.	.	0.5	1	=	9	n	12	root = 7.6383319395875e+01
10	.	.	.	0.5	1	=	9	n	13	root = 8.2585149812188e+01
10	.	.	.	0.5	1	=	9	n	14	root = 8.8768033776873e+01
10	.	.	.	0.5	1	=	9	n	15	root = 9.5004388249126e+01
10	.	.	.	0.5	1	=	9	n	16	root = 1.0122094268732e+02
10	.	.	.	0.5	1	=	9	n	17	root = 1.074026260111e+02
10	.	.	.	0.5	1	=	9	n	18	root = 1.136941627375e+02
10	.	.	.	0.5	1	=	9	n	19	root = 1.199306730326e+02
10	.	.	.	0.5	1	=	9	n	20	root = 1.2618210784463e+02
10	.	.	.	0.5	1	=	9	n	21	root = 1.3243118274838e+02
10	.	.	.	0.5	1	=	9	n	22	root = 1.3868324403087e+02
10	.	.	.	0.5	1	=	9	n	23	root = 1.4493308718019e+02
10	.	.	.	0.5	1	=	9	n	24	root = 1.5118232651704e+02
10	.	.	.	0.5	1	=	9	n	25	root = 1.5743448176044e+02
10	.	.	.	0.5	1	=	9	n	26	root = 1.6371957192333e+02
10	.	.	.	0.5	1	=	9	n	27	root = 1.6987829719589e+02
10	.	.	.	0.5	1	=	9	n	28	root = 1.762448270185e+02
10	.	.	.	0.5	1	=	9	n	29	root = 1.8250737778925e+02
10	.	.	.	0.5	1	=	9	n	30	root = 1.8877465189123e+02

```

c
c
c
sp = 10. a = 0.5 l = 10 n = 1 root = 1.5047705374939e+01
sp = 10. a = 0.5 l = 10 n = 2 root = 1.33114289242133e+01
sp = 10. a = 0.5 l = 10 n = 3 root = 2.35576577333353e+01
sp = 10. a = 0.5 l = 10 n = 4 root = 2.9086184111624e+01
sp = 10. a = 0.5 l = 10 n = 5 root = 3.46127193938536e+01
sp = 10. a = 0.5 l = 10 n = 6 root = 4.033163392474e+01
sp = 10. a = 0.5 l = 10 n = 7 root = 4.62291109395176e+01
sp = 10. a = 0.5 l = 10 n = 8 root = 5.22376195959404e+01
sp = 10. a = 0.5 l = 10 n = 9 root = 5.8294932511553e+01
sp = 10. a = 0.5 l = 10 n = 10 root = 6.4377631769393e+01
sp = 10. a = 0.5 l = 10 n = 11 root = 7.0520447918251e+01
sp = 10. a = 0.5 l = 10 n = 12 root = 7.6656612276477e+01
sp = 10. a = 0.5 l = 10 n = 13 root = 8.28255988615077e+01
sp = 10. a = 0.5 l = 10 n = 14 root = 8.9016227272418e+01
sp = 10. a = 0.5 l = 10 n = 15 root = 9.5218945067170e+01
sp = 10. a = 0.5 l = 10 n = 16 root = 1.0143594651327e+02
sp = 10. a = 0.5 l = 10 n = 17 root = 1.0769592414692e+02
sp = 10. a = 0.5 l = 10 n = 18 root = 1.1397193617176e+02
sp = 10. a = 0.5 l = 10 n = 19 root = 1.2019416307104e+02
sp = 10. a = 0.5 l = 10 n = 20 root = 1.2639113935035e+02
sp = 10. a = 0.5 l = 10 n = 21 root = 1.3258262936635e+02
sp = 10. a = 0.5 l = 10 n = 22 root = 1.3867792515054e+02
sp = 10. a = 0.5 l = 10 n = 23 root = 1.44676744707026e+02
sp = 10. a = 0.5 l = 10 n = 24 root = 1.5132787666162e+02
sp = 10. a = 0.5 l = 10 n = 25 root = 1.57791194231135e+02
sp = 10. a = 0.5 l = 10 n = 26 root = 1.639304623932e+02
sp = 10. a = 0.5 l = 10 n = 27 root = 1.7005224814261e+02
sp = 10. a = 0.5 l = 10 n = 28 root = 1.7635323108790e+02
sp = 10. a = 0.5 l = 10 n = 29 root = 1.82811781137579e+02
sp = 10. a = 0.5 l = 10 n = 30 root = 1.8939035149442e+02

c
c
c
sp = 10. a = 0.5 l = 11 n = 1 root = 1.6153421431304e+01
sp = 10. a = 0.5 l = 11 n = 2 root = 2.0394613412740e+01
sp = 10. a = 0.5 l = 11 n = 3 root = 2.4659550499169e+01
sp = 10. a = 0.5 l = 11 n = 4 root = 2.8957922265778e+01
sp = 10. a = 0.5 l = 11 n = 5 root = 3.3293057249304e+01
sp = 10. a = 0.5 l = 11 n = 6 root = 3.76115274679141e+01
sp = 10. a = 0.5 l = 11 n = 7 root = 4.1734932359191e+01
sp = 10. a = 0.5 l = 11 n = 8 root = 4.58627875206074e+01
sp = 10. a = 0.5 l = 11 n = 9 root = 5.002622632624e+01
sp = 10. a = 0.5 l = 11 n = 10 root = 5.4222114434453e+01
sp = 10. a = 0.5 l = 11 n = 11 root = 5.8464031251382e+01
sp = 10. a = 0.5 l = 11 n = 12 root = 6.275493893006e+01
sp = 10. a = 0.5 l = 11 n = 13 root = 6.7095929232359e+01
sp = 10. a = 0.5 l = 11 n = 14 root = 7.148947727404e+01
sp = 10. a = 0.5 l = 11 n = 15 root = 7.5940611251382e+01
sp = 10. a = 0.5 l = 11 n = 16 root = 8.0449214463141e+01
sp = 10. a = 0.5 l = 11 n = 17 root = 8.502622632624e+01
sp = 10. a = 0.5 l = 11 n = 18 root = 8.96737875206074e+01
sp = 10. a = 0.5 l = 11 n = 19 root = 9.439622632624e+01
sp = 10. a = 0.5 l = 11 n = 20 root = 9.91961081859e+01
sp = 10. a = 0.5 l = 11 n = 21 root = 1.04074911510537e+02
sp = 10. a = 0.5 l = 11 n = 22 root = 1.0922632632624e+02
sp = 10. a = 0.5 l = 11 n = 23 root = 1.14523994205174e+02
sp = 10. a = 0.5 l = 11 n = 24 root = 1.19974911510537e+02
sp = 10. a = 0.5 l = 11 n = 25 root = 1.25776103611582e+02
sp = 10. a = 0.5 l = 11 n = 26 root = 1.31827289079494e+02
sp = 10. a = 0.5 l = 11 n = 27 root = 1.3813291511825e+02
sp = 10. a = 0.5 l = 11 n = 28 root = 1.44694188330131e+02
sp = 10. a = 0.5 l = 11 n = 29 root = 1.5151833571460e+02
sp = 10. a = 0.5 l = 11 n = 30 root = 1.5860707150282e+02

```

```

c
c
** 10. a 0.5 12 1 root = 1.7294994453342e+01
** 10. a 0.5 12 2 root = 2.14671197614600e+01
** 10. a 0.5 12 3 root = 2.9332125046688e+01
** 10. a 0.5 12 4 root = 3.6679207666330e+01
** 10. a 0.5 12 5 root = 3.9262326849753e+01
** 10. a 0.5 12 6 root = 4.1510336624020e+01
** 10. a 0.5 12 7 root = 4.729468811705e+01
** 10. a 0.5 12 8 root = 5.312234368375e+01
** 10. a 0.5 12 9 root = 5.9078401941511e+01
** 10. a 0.5 12 10 root = 6.5093651714056e+01
** 10. a 0.5 12 11 root = 7.1192846774959e+01
** 10. a 0.5 12 12 root = 7.7258321597273e+01
** 10. a 0.5 12 13 root = 8.338528194947e+01
** 10. a 0.5 12 14 root = 8.9534481943033e+01
** 10. a 0.5 12 15 root = 9.5701336303577e+01
** 10. a 0.5 12 16 root = 1.018830335129e+02
** 10. a 0.5 12 17 root = 1.0807466176932e+02
** 10. a 0.5 12 18 root = 1.1427671948114e+02
** 10. a 0.5 12 19 root = 1.2048816711821e+02
** 10. a 0.5 12 20 root = 1.2670327758389e+02
** 10. a 0.5 12 21 root = 1.329236263617e+02
** 10. a 0.5 12 22 root = 1.3916011424419e+02
** 10. a 0.5 12 23 root = 1.4539432451216e+02
** 10. a 0.5 12 24 root = 1.516162539595e+02
** 10. a 0.5 12 25 root = 1.578744306667e+02
** 10. a 0.5 12 26 root = 1.641194660991e+02
** 10. a 0.5 12 27 root = 1.703627576982e+02
** 10. a 0.5 12 28 root = 1.7651761942339e+02
** 10. a 0.5 12 29 root = 1.82697022040271e+02
** 10. a 0.5 12 30 root = 1.8891240554538e+02

```

```

c
c
** 10. a 0.5 13 1 root = 1.605360802795e+01
** 10. a 0.5 13 2 root = 2.2614602343004e+01
** 10. a 0.5 13 3 root = 2.894832922274e+01
** 10. a 0.5 13 4 root = 3.194365700361e+01
** 10. a 0.5 13 5 root = 3.689308253044e+01
** 10. a 0.5 13 6 root = 4.214747186030e+01
** 10. a 0.5 13 7 root = 4.781278030400e+01
** 10. a 0.5 13 8 root = 5.381836331054e+01
** 10. a 0.5 13 9 root = 5.982976194260e+01
** 10. a 0.5 13 10 root = 6.596866610500e+01
** 10. a 0.5 13 11 root = 7.192821485610e+01
** 10. a 0.5 13 12 root = 7.798246760820e+01
** 10. a 0.5 13 13 root = 8.37000943689e+01
** 10. a 0.5 13 14 root = 8.987705211737e+01
** 10. a 0.5 13 15 root = 9.597446076117e+01
** 10. a 0.5 13 16 root = 1.021383428203e+02
** 10. a 0.5 13 17 root = 1.083163266633e+02
** 10. a 0.5 13 18 root = 1.14527326649e+02
** 10. a 0.5 13 19 root = 1.207704216162e+02
** 10. a 0.5 13 20 root = 1.269427083314e+02
** 10. a 0.5 13 21 root = 1.331336821482e+02
** 10. a 0.5 13 22 root = 1.393496022704e+02
** 10. a 0.5 13 23 root = 1.4559737182272e+02
** 10. a 0.5 13 24 root = 1.5188458860071e+02
** 10. a 0.5 13 25 root = 1.5809361874768e+02
** 10. a 0.5 13 26 root = 1.642783318202e+02
** 10. a 0.5 13 27 root = 1.703500080033e+02
** 10. a 0.5 13 28 root = 1.763021751875e+02
** 10. a 0.5 13 29 root = 1.8201274748031e+02
** 10. a 0.5 13 30 root = 1.880866003870e+02

```

```

c
c
30 * 10. a * 0.5 = 14 n = 1 root = 1.844888898217e+01
30 * 10. a * 0.5 = 14 n = 2 root = 2.374125888514e+01
30 * 10. a * 0.5 = 14 n = 3 root = 2.788941882443e+01
30 * 10. a * 0.5 = 14 n = 4 root = 3.242388128389e+01
30 * 10. a * 0.5 = 14 n = 5 root = 3.747038283888e+01
30 * 10. a * 0.5 = 14 n = 6 root = 4.282484310463e+01
30 * 10. a * 0.5 = 14 n = 7 root = 4.8407688987337e+01
30 * 10. a * 0.5 = 14 n = 8 root = 5.4147682853859e+01
30 * 10. a * 0.5 = 14 n = 9 root = 5.998884388988e+01
30 * 10. a * 0.5 = 14 n = 10 root = 6.5893801838025e+01
30 * 10. a * 0.5 = 14 n = 11 root = 7.182808278212e+01
30 * 10. a * 0.5 = 14 n = 12 root = 7.785188578741e+01
30 * 10. a * 0.5 = 14 n = 13 root = 8.4028813431777e+01
30 * 10. a * 0.5 = 14 n = 14 root = 9.014478824089e+01
30 * 10. a * 0.5 = 14 n = 15 root = 9.6267831681038e+01
30 * 10. a * 0.5 = 14 n = 16 root = 1.0241414313707e+02
30 * 10. a * 0.5 = 14 n = 17 root = 1.0857815133888e+02
30 * 10. a * 0.5 = 14 n = 18 root = 1.1476138118887e+02
30 * 10. a * 0.5 = 14 n = 19 root = 1.2093782108893e+02
30 * 10. a * 0.5 = 14 n = 20 root = 1.2713378824388e+02
30 * 10. a * 0.5 = 14 n = 21 root = 1.333578784031e+02
30 * 10. a * 0.5 = 14 n = 22 root = 1.395488488046e+02
30 * 10. a * 0.5 = 14 n = 23 root = 1.4578874412847e+02
30 * 10. a * 0.5 = 14 n = 24 root = 1.5198865178377e+02
30 * 10. a * 0.5 = 14 n = 25 root = 1.581784821889e+02
30 * 10. a * 0.5 = 14 n = 26 root = 1.644827518887e+02
30 * 10. a * 0.5 = 14 n = 27 root = 1.708847884213e+02
30 * 10. a * 0.5 = 14 n = 28 root = 1.773847841888e+02
30 * 10. a * 0.5 = 14 n = 29 root = 1.838818843788e+02
30 * 10. a * 0.5 = 14 n = 30 root = 1.899109882708e+02

```

```

c
c
30 * 10. a * 0.5 = 15 n = 1 root = 2.094887881710e+01
30 * 10. a * 0.5 = 15 n = 2 root = 2.4878880819880e+01
30 * 10. a * 0.5 = 15 n = 3 root = 2.8878783821121e+01
30 * 10. a * 0.5 = 15 n = 4 root = 3.348821188201e+01
30 * 10. a * 0.5 = 15 n = 5 root = 3.8688788801338e+01
30 * 10. a * 0.5 = 15 n = 6 root = 4.4488784888823e+01
30 * 10. a * 0.5 = 15 n = 7 root = 4.988818778888e+01
30 * 10. a * 0.5 = 15 n = 8 root = 5.478888888888e+01
30 * 10. a * 0.5 = 15 n = 9 root = 5.958888888888e+01
30 * 10. a * 0.5 = 15 n = 10 root = 6.438888888888e+01
30 * 10. a * 0.5 = 15 n = 11 root = 6.918888888888e+01
30 * 10. a * 0.5 = 15 n = 12 root = 7.398888888888e+01
30 * 10. a * 0.5 = 15 n = 13 root = 7.878888888888e+01
30 * 10. a * 0.5 = 15 n = 14 root = 8.348888888888e+01
30 * 10. a * 0.5 = 15 n = 15 root = 8.818888888888e+01
30 * 10. a * 0.5 = 15 n = 16 root = 9.278888888888e+01
30 * 10. a * 0.5 = 15 n = 17 root = 9.738888888888e+01
30 * 10. a * 0.5 = 15 n = 18 root = 1.018888888888e+02
30 * 10. a * 0.5 = 15 n = 19 root = 1.063888888888e+02
30 * 10. a * 0.5 = 15 n = 20 root = 1.108888888888e+02
30 * 10. a * 0.5 = 15 n = 21 root = 1.153888888888e+02
30 * 10. a * 0.5 = 15 n = 22 root = 1.198888888888e+02
30 * 10. a * 0.5 = 15 n = 23 root = 1.243888888888e+02
30 * 10. a * 0.5 = 15 n = 24 root = 1.288888888888e+02
30 * 10. a * 0.5 = 15 n = 25 root = 1.333888888888e+02
30 * 10. a * 0.5 = 15 n = 26 root = 1.378888888888e+02
30 * 10. a * 0.5 = 15 n = 27 root = 1.423888888888e+02
30 * 10. a * 0.5 = 15 n = 28 root = 1.468888888888e+02
30 * 10. a * 0.5 = 15 n = 29 root = 1.513888888888e+02
30 * 10. a * 0.5 = 15 n = 30 root = 1.558888888888e+02

```

c
c

56	10.	a	a	0.6	1	1	n	1	root = 7.8233202783014e+00
56	10.	a	a	0.6	1	1	n	2	root = 1.5567817384538e+01
56	10.	a	a	0.6	1	1	n	3	root = 2.3326000263110e+01
56	10.	a	a	0.6	1	1	n	4	root = 3.122075323224e+01
56	10.	a	a	0.6	1	1	n	5	root = 3.906387293331e+01
56	10.	a	a	0.6	1	1	n	6	root = 4.6910533816715e+01
56	10.	a	a	0.6	1	1	n	7	root = 5.475294982251e+01
56	10.	a	a	0.6	1	1	n	8	root = 6.2609483639405e+01
56	10.	a	a	0.6	1	1	n	9	root = 7.0462448493222e+01
56	10.	a	a	0.6	1	1	n	10	root = 7.8312034220110e+01
56	10.	a	a	0.6	1	1	n	11	root = 8.6164093244322e+01
56	10.	a	a	0.6	1	1	n	12	root = 9.4016910419108e+01
56	10.	a	a	0.6	1	1	n	13	root = 1.0188301464041e+02
56	10.	a	a	0.6	1	1	n	14	root = 1.0972181694243e+02
56	10.	a	a	0.6	1	1	n	15	root = 1.175747686015e+02
56	10.	a	a	0.6	1	1	n	16	root = 1.254276320224e+02
56	10.	a	a	0.6	1	1	n	17	root = 1.332810569075e+02
56	10.	a	a	0.6	1	1	n	18	root = 1.4113434068405e+02
56	10.	a	a	0.6	1	1	n	19	root = 1.4898763241193e+02
56	10.	a	a	0.6	1	1	n	20	root = 1.5684111498934e+02
56	10.	a	a	0.6	1	1	n	21	root = 1.6469496737204e+02
56	10.	a	a	0.6	1	1	n	22	root = 1.7254810221494e+02
56	10.	a	a	0.6	1	1	n	23	root = 1.8040185943494e+02
56	10.	a	a	0.6	1	1	n	24	root = 1.8825272996918e+02
56	10.	a	a	0.6	1	1	n	25	root = 1.961066066907e+02
56	10.	a	a	0.6	1	1	n	26	root = 2.0396253363247e+02
56	10.	a	a	0.6	1	1	n	27	root = 2.1181821611363e+02
56	10.	a	a	0.6	1	1	n	28	root = 2.1968381537721e+02
56	10.	a	a	0.6	1	1	n	29	root = 2.27542732311674e+02
56	10.	a	a	0.6	1	1	n	30	root = 2.3537737052681e+02

c
c

56	10.	a	a	0.6	1	2	n	1	root = 8.2387497729997e+00
56	10.	a	a	0.6	1	2	n	2	root = 1.5783633144103e+01
56	10.	a	a	0.6	1	2	n	3	root = 2.352943032944e+01
56	10.	a	a	0.6	1	2	n	4	root = 3.1230482604752e+01
56	10.	a	a	0.6	1	2	n	5	root = 3.9146814327288e+01
56	10.	a	a	0.6	1	2	n	6	root = 4.6928308177492e+01
56	10.	a	a	0.6	1	2	n	7	root = 5.48206801394077e+01
56	10.	a	a	0.6	1	2	n	8	root = 6.2663005142237e+01
56	10.	a	a	0.6	1	2	n	9	root = 7.0527526673849e+01
56	10.	a	a	0.6	1	2	n	10	root = 7.8397970120634e+01
56	10.	a	a	0.6	1	2	n	11	root = 8.6202909621934e+01
56	10.	a	a	0.6	1	2	n	12	root = 9.4052005262253e+01
56	10.	a	a	0.6	1	2	n	13	root = 1.0190186732737e+02
56	10.	a	a	0.6	1	2	n	14	root = 1.0972230158245e+02
56	10.	a	a	0.6	1	2	n	15	root = 1.176321930061e+02
56	10.	a	a	0.6	1	2	n	16	root = 1.254442211884e+02
56	10.	a	a	0.6	1	2	n	17	root = 1.332614117375e+02
56	10.	a	a	0.6	1	2	n	18	root = 1.411580257155e+02
56	10.	a	a	0.6	1	2	n	19	root = 1.4901012811003e+02
56	10.	a	a	0.6	1	2	n	20	root = 1.5686242097075e+02
56	10.	a	a	0.6	1	2	n	21	root = 1.6471467503206e+02
56	10.	a	a	0.6	1	2	n	22	root = 1.725746581611e+02
56	10.	a	a	0.6	1	2	n	23	root = 1.8042018302945e+02
56	10.	a	a	0.6	1	2	n	24	root = 1.882730039932e+02
56	10.	a	a	0.6	1	2	n	25	root = 1.9612901250034e+02
56	10.	a	a	0.6	1	2	n	26	root = 2.0398789133146e+02
56	10.	a	a	0.6	1	2	n	27	root = 2.1183198228213e+02
56	10.	a	a	0.6	1	2	n	28	root = 2.1968611716882e+02
56	10.	a	a	0.6	1	2	n	29	root = 2.2754381034494e+02
56	10.	a	a	0.6	1	2	n	30	root = 2.3539192821719e+02


```

c
c
c
** 10. a 0.6 1 3 n 1 root = 6.8825232183993e+00
** 10. a 0.6 1 3 n 2 root = 1.45102216741388e+01
** 10. a 0.6 1 3 n 3 root = 3.274336030895e+01
** 10. a 0.6 1 3 n 4 root = 3.1468419337785e+01
** 10. a 0.6 1 3 n 5 root = 3.5278493925780e+01
** 10. a 0.6 1 3 n 6 root = 4.7035633311435e+01
** 10. a 0.6 1 3 n 7 root = 5.4912363277801e+01
** 10. a 0.6 1 3 n 8 root = 6.2743233110711e+01
** 10. a 0.6 1 3 n 9 root = 7.057623394752e+01
** 10. a 0.6 1 3 n 10 root = 7.8416900650523e+01
** 10. a 0.6 1 3 n 11 root = 8.6261157016989e+01
** 10. a 0.6 1 3 n 12 root = 9.410337628252e+01
** 10. a 0.6 1 3 n 13 root = 1.0195110316908e+02
** 10. a 0.6 1 3 n 14 root = 1.0979801438503e+02
** 10. a 0.6 1 3 n 15 root = 1.1764987193211e+02
** 10. a 0.6 1 3 n 16 root = 1.2549446802943e+02
** 10. a 0.6 1 3 n 17 root = 1.3334379837620e+02
** 10. a 0.6 1 3 n 18 root = 1.4119384150844e+02
** 10. a 0.6 1 3 n 19 root = 1.4904378886931e+02
** 10. a 0.6 1 3 n 20 root = 1.568937471464e+02
** 10. a 0.6 1 3 n 21 root = 1.6474363022153e+02
** 10. a 0.6 1 3 n 22 root = 1.725935923111e+02
** 10. a 0.6 1 3 n 23 root = 1.804435631836e+02
** 10. a 0.6 1 3 n 24 root = 1.8829351514363e+02
** 10. a 0.6 1 3 n 25 root = 1.961434822303e+02
** 10. a 0.6 1 3 n 26 root = 2.0400347304018e+02
** 10. a 0.6 1 3 n 27 root = 2.1186343021888e+02
** 10. a 0.6 1 3 n 28 root = 2.1972331884635e+02
** 10. a 0.6 1 3 n 29 root = 2.2758326681327e+02
** 10. a 0.6 1 3 n 30 root = 2.354431833329483e+02
c
c
c
** 10. a 0.6 1 4 n 1 root = 9.5336941536800e+00
** 10. a 0.6 1 4 n 2 root = 1.6516562057028e+01
** 10. a 0.6 1 4 n 3 root = 2.4022297625703e+01
** 10. a 0.6 1 4 n 4 root = 3.178273077936e+01
** 10. a 0.6 1 4 n 5 root = 3.949446233358e+01
** 10. a 0.6 1 4 n 6 root = 4.7231727077278e+01
** 10. a 0.6 1 4 n 7 root = 5.503480875591e+01
** 10. a 0.6 1 4 n 8 root = 6.289502947453e+01
** 10. a 0.6 1 4 n 9 root = 7.074182738453e+01
** 10. a 0.6 1 4 n 10 root = 7.8584298839360e+01
** 10. a 0.6 1 4 n 11 root = 8.6432765320310e+01
** 10. a 0.6 1 4 n 12 root = 9.4278482521946e+01
** 10. a 0.6 1 4 n 13 root = 1.021273011603e+02
** 10. a 0.6 1 4 n 14 root = 1.098893377253e+02
** 10. a 0.6 1 4 n 15 root = 1.1765271978087e+02
** 10. a 0.6 1 4 n 16 root = 1.254176098946e+02
** 10. a 0.6 1 4 n 17 root = 1.3318309494803e+02
** 10. a 0.6 1 4 n 18 root = 1.40948374253e+02
** 10. a 0.6 1 4 n 19 root = 1.4871366146002e+02
** 10. a 0.6 1 4 n 20 root = 1.56478957054638e+02
** 10. a 0.6 1 4 n 21 root = 1.6424424376094e+02
** 10. a 0.6 1 4 n 22 root = 1.720095293683e+02
** 10. a 0.6 1 4 n 23 root = 1.797748149818e+02
** 10. a 0.6 1 4 n 24 root = 1.875401005892e+02
** 10. a 0.6 1 4 n 25 root = 1.952953861965e+02
** 10. a 0.6 1 4 n 26 root = 2.030506718039e+02
** 10. a 0.6 1 4 n 27 root = 2.108059574012e+02
** 10. a 0.6 1 4 n 28 root = 2.185612429985e+02
** 10. a 0.6 1 4 n 29 root = 2.263165285958e+02
** 10. a 0.6 1 4 n 30 root = 2.340718141932e+02

```

c
c

50	10.	a	a	0.6	1	5	n	1	root = 1.0347460663347e+01
50	10.	a	a	0.6	1	5	n	2	root = 1.7021087946789e+01
50	10.	a	a	0.6	1	5	n	3	root = 2.4379421794687e+01
50	10.	a	a	0.6	1	5	n	4	root = 3.1967573070139e+01
50	10.	a	a	0.6	1	5	n	5	root = 3.9862194694441e+01
50	10.	a	a	0.6	1	5	n	6	root = 4.7405665751125e+01
50	10.	a	a	0.6	1	5	n	7	root = 5.516878192259e+01
50	10.	a	a	0.6	1	5	n	8	root = 6.293349410841e+01
50	10.	a	a	0.6	1	5	n	9	root = 7.07932252999e+01
50	10.	a	a	0.6	1	5	n	10	root = 7.881135127458e+01
50	10.	a	a	0.6	1	5	n	11	root = 8.643660601237e+01
50	10.	a	a	0.6	1	5	n	12	root = 9.4205318944630e+01
50	10.	a	a	0.6	1	5	n	13	root = 1.020387068595e+02
50	10.	a	a	0.6	1	5	n	14	root = 1.0933504760948e+02
50	10.	a	a	0.6	1	5	n	15	root = 1.1777374394168e+02
50	10.	a	a	0.6	1	5	n	16	root = 1.2651439946575e+02
50	10.	a	a	0.6	1	5	n	17	root = 1.334664576957e+02
50	10.	a	a	0.6	1	5	n	18	root = 1.4130004533949e+02
50	10.	a	a	0.6	1	5	n	19	root = 1.49114663314877e+02
50	10.	a	a	0.6	1	5	n	20	root = 1.5696020041250e+02
50	10.	a	a	0.6	1	5	n	21	root = 1.648366266710e+02
50	10.	a	a	0.6	1	5	n	22	root = 1.7283650046666e+02
50	10.	a	a	0.6	1	5	n	23	root = 1.8093129247158e+02
50	10.	a	a	0.6	1	5	n	24	root = 1.8837943312210e+02
50	10.	a	a	0.6	1	5	n	25	root = 1.9623007666662e+02
50	10.	a	a	0.6	1	5	n	26	root = 2.0407713602594e+02
50	10.	a	a	0.6	1	5	n	27	root = 2.1192626660163e+02
50	10.	a	a	0.6	1	5	n	28	root = 2.1977630766720e+02
50	10.	a	a	0.6	1	5	n	29	root = 2.2765334662074e+02
50	10.	a	a	0.6	1	5	n	30	root = 2.3547665332435e+02

c
c

50	10.	a	a	0.6	1	6	n	1	root = 1.1236663118433e+01
50	10.	a	a	0.6	1	6	n	2	root = 1.7605722004659e+01
50	10.	a	a	0.6	1	6	n	3	root = 2.4789326133035e+01
50	10.	a	a	0.6	1	6	n	4	root = 3.22025636319074e+01
50	10.	a	a	0.6	1	6	n	5	root = 3.9819366294629e+01
50	10.	a	a	0.6	1	6	n	6	root = 4.76211537471785e+01
50	10.	a	a	0.6	1	6	n	7	root = 5.5368019101630e+01
50	10.	a	a	0.6	1	6	n	8	root = 6.3142590191211e+01
50	10.	a	a	0.6	1	6	n	9	root = 7.0944601976669e+01
50	10.	a	a	0.6	1	6	n	10	root = 7.8736694024674e+01
50	10.	a	a	0.6	1	6	n	11	root = 8.6561846621713e+01
50	10.	a	a	0.6	1	6	n	12	root = 9.371807666666e+01
50	10.	a	a	0.6	1	6	n	13	root = 1.0115703736666e+02
50	10.	a	a	0.6	1	6	n	14	root = 1.1006631573429e+02
50	10.	a	a	0.6	1	6	n	15	root = 1.176662094940e+02
50	10.	a	a	0.6	1	6	n	16	root = 1.258463263703e+02
50	10.	a	a	0.6	1	6	n	17	root = 1.3333166629159e+02
50	10.	a	a	0.6	1	6	n	18	root = 1.4137180725781e+02
50	10.	a	a	0.6	1	6	n	19	root = 1.491187666666e+02
50	10.	a	a	0.6	1	6	n	20	root = 1.570949436667e+02
50	10.	a	a	0.6	1	6	n	21	root = 1.646778026666e+02
50	10.	a	a	0.6	1	6	n	22	root = 1.7274163661369e+02
50	10.	a	a	0.6	1	6	n	23	root = 1.8093129247158e+02
50	10.	a	a	0.6	1	6	n	24	root = 1.893362721612e+02
50	10.	a	a	0.6	1	6	n	25	root = 1.9623007666662e+02
50	10.	a	a	0.6	1	6	n	26	root = 2.0412620110666e+02
50	10.	a	a	0.6	1	6	n	27	root = 2.119730324218e+02
50	10.	a	a	0.6	1	6	n	28	root = 2.198216882975e+02
50	10.	a	a	0.6	1	6	n	29	root = 2.276703666778e+02
50	10.	a	a	0.6	1	6	n	30	root = 2.3551918821933e+02

```

c
c
c
** 10. ** 0.6 | = 7 n = 1 root = 1.218275932204e+01
** 10. ** 0.6 | = 7 n = 2 root = 1.6332094611937e+01
** 10. ** 0.6 | = 7 n = 3 root = 2.5261310894009e+01
** 10. ** 0.6 | = 7 n = 4 root = 3.2949474088292e+01
** 10. ** 0.6 | = 7 n = 5 root = 4.0210246822375e+01
** 10. ** 0.6 | = 7 n = 6 root = 4.7688051325140e+01
** 10. ** 0.6 | = 7 n = 7 root = 5.5394929946208e+01
** 10. ** 0.6 | = 7 n = 8 root = 6.3332662181330e+01
** 10. ** 0.6 | = 7 n = 9 root = 7.1038827536109e+01
** 10. ** 0.6 | = 7 n = 10 root = 7.9887520209471e+01
** 10. ** 0.6 | = 7 n = 11 root = 8.8887192912427e+01
** 10. ** 0.6 | = 7 n = 12 root = 9.8425202473819e+01
** 10. ** 0.6 | = 7 n = 13 root = 1.0231157091829e+02
** 10. ** 0.6 | = 7 n = 14 root = 1.1013270719270e+02
** 10. ** 0.6 | = 7 n = 15 root = 1.17922225332e+02
** 10. ** 0.6 | = 7 n = 16 root = 1.2578729737950e+02
** 10. ** 0.6 | = 7 n = 17 root = 1.3361930416407e+02
** 10. ** 0.6 | = 7 n = 18 root = 1.4146379450359e+02
** 10. ** 0.6 | = 7 n = 19 root = 1.492902295193e+02
** 10. ** 0.6 | = 7 n = 20 root = 1.571282029001e+02
** 10. ** 0.6 | = 7 n = 21 root = 1.6498227794499e+02
** 10. ** 0.6 | = 7 n = 22 root = 1.728505292300e+02
** 10. ** 0.6 | = 7 n = 23 root = 1.808515069463e+02
** 10. ** 0.6 | = 7 n = 24 root = 1.8894463660053e+02
** 10. ** 0.6 | = 7 n = 25 root = 1.973392900130e+02
** 10. ** 0.6 | = 7 n = 26 root = 2.0418349005101e+02
** 10. ** 0.6 | = 7 n = 27 root = 2.1236897252412e+02
** 10. ** 0.6 | = 7 n = 28 root = 2.197753203177e+02
** 10. ** 0.6 | = 7 n = 29 root = 2.2772186945201e+02
** 10. ** 0.6 | = 7 n = 30 root = 2.359589113394e+02

```

```

c
c
c
** 10. ** 0.6 | = 8 n = 1 root = 1.3169273914099e+01
** 10. ** 0.6 | = 8 n = 2 root = 1.8961445073521e+01
** 10. ** 0.6 | = 8 n = 3 root = 2.5791697620613e+01
** 10. ** 0.6 | = 8 n = 4 root = 3.3057697982749e+01
** 10. ** 0.6 | = 8 n = 5 root = 4.0794485191257e+01
** 10. ** 0.6 | = 8 n = 6 root = 4.8146337028257e+01
** 10. ** 0.6 | = 8 n = 7 root = 5.582195903169e+01
** 10. ** 0.6 | = 8 n = 8 root = 6.394033000902e+01
** 10. ** 0.6 | = 8 n = 9 root = 7.189297636602e+01
** 10. ** 0.6 | = 8 n = 10 root = 7.905726629475e+01
** 10. ** 0.6 | = 8 n = 11 root = 8.6291891515710e+01
** 10. ** 0.6 | = 8 n = 12 root = 9.4637947430099e+01
** 10. ** 0.6 | = 8 n = 13 root = 1.0244236015740e+02
** 10. ** 0.6 | = 8 n = 14 root = 1.1029416156210e+02
** 10. ** 0.6 | = 8 n = 15 root = 1.187181601218e+02
** 10. ** 0.6 | = 8 n = 16 root = 1.2933361426042e+02
** 10. ** 0.6 | = 8 n = 17 root = 1.3371937381475e+02
** 10. ** 0.6 | = 8 n = 18 root = 1.415462265132e+02
** 10. ** 0.6 | = 8 n = 19 root = 1.4937980419209e+02
** 10. ** 0.6 | = 8 n = 20 root = 1.572139851289e+02
** 10. ** 0.6 | = 8 n = 21 root = 1.6504626994013e+02
** 10. ** 0.6 | = 8 n = 22 root = 1.728829232147e+02
** 10. ** 0.6 | = 8 n = 23 root = 1.8072947325771e+02
** 10. ** 0.6 | = 8 n = 24 root = 1.886022339494e+02
** 10. ** 0.6 | = 8 n = 25 root = 1.964074453313e+02
** 10. ** 0.6 | = 8 n = 26 root = 2.042482198203e+02
** 10. ** 0.6 | = 8 n = 27 root = 2.1208197390714e+02
** 10. ** 0.6 | = 8 n = 28 root = 2.199326177425e+02
** 10. ** 0.6 | = 8 n = 29 root = 2.2778034280771e+02
** 10. ** 0.6 | = 8 n = 30 root = 2.3562500718016e+02

```

c
c
c

```
99 * 10. a^ 0.6 | = 9 n^ 1 root = 1.416630232753e+01
99 * 10. a^ 0.6 | = 9 n^ 2 root = 1.377946177428e+01
99 * 10. a^ 0.6 | = 9 n^ 3 root = 2.637626942490e+01
99 * 10. a^ 0.6 | = 9 n^ 4 root = 3.351460214624e+01
99 * 10. a^ 0.6 | = 9 n^ 5 root = 4.091692917630e+01
99 * 10. a^ 0.6 | = 9 n^ 6 root = 4.8461620380167e+01
99 * 10. a^ 0.6 | = 9 n^ 7 root = 5.609246626393e+01
99 * 10. a^ 0.6 | = 9 n^ 8 root = 6.377694672777e+01
99 * 10. a^ 0.6 | = 9 n^ 9 root = 7.149573620401e+01
99 * 10. a^ 0.6 | = 9 n^ 10 root = 7.924787911589e+01
99 * 10. a^ 0.6 | = 9 n^ 11 root = 8.701509559436e+01
99 * 10. a^ 0.6 | = 9 n^ 12 root = 9.4792651327817e+01
99 * 10. a^ 0.6 | = 9 n^ 13 root = 1.0259231436727e+02
99 * 10. a^ 0.6 | = 9 n^ 14 root = 1.1039069319599e+02
99 * 10. a^ 0.6 | = 9 n^ 15 root = 1.1819906400696e+02
99 * 10. a^ 0.6 | = 9 n^ 16 root = 1.2601510279387e+02
99 * 10. a^ 0.6 | = 9 n^ 17 root = 1.3383187018336e+02
99 * 10. a^ 0.6 | = 9 n^ 18 root = 1.4164942751933e+02
99 * 10. a^ 0.6 | = 9 n^ 19 root = 1.4946847622576e+02
99 * 10. a^ 0.6 | = 9 n^ 20 root = 1.572882925851e+02
99 * 10. a^ 0.6 | = 9 n^ 21 root = 1.651079742217e+02
99 * 10. a^ 0.6 | = 9 n^ 22 root = 1.7292735144362e+02
99 * 10. a^ 0.6 | = 9 n^ 23 root = 1.808469212470e+02
99 * 10. a^ 0.6 | = 9 n^ 24 root = 1.888662697700e+02
99 * 10. a^ 0.6 | = 9 n^ 25 root = 1.969862099405e+02
99 * 10. a^ 0.6 | = 9 n^ 26 root = 2.049225094393e+02
99 * 10. a^ 0.6 | = 9 n^ 27 root = 2.128639397707e+02
99 * 10. a^ 0.6 | = 9 n^ 28 root = 2.2080013244512e+02
99 * 10. a^ 0.6 | = 9 n^ 29 root = 2.2873163110351e+02
99 * 10. a^ 0.6 | = 9 n^ 30 root = 2.3665827505992e+02
```

```
99 * 10. a^ 0.6 | = 10 n^ 1 root = 1.5225181034981e+01
99 * 10. a^ 0.6 | = 10 n^ 2 root = 2.051127532930e+01
99 * 10. a^ 0.6 | = 10 n^ 3 root = 2.7012014795122e+01
99 * 10. a^ 0.6 | = 10 n^ 4 root = 3.401551175217e+01
99 * 10. a^ 0.6 | = 10 n^ 5 root = 4.133766219500e+01
99 * 10. a^ 0.6 | = 10 n^ 6 root = 4.884787693464e+01
99 * 10. a^ 0.6 | = 10 n^ 7 root = 5.6391396117661e+01
99 * 10. a^ 0.6 | = 10 n^ 8 root = 6.404932023578e+01
99 * 10. a^ 0.6 | = 10 n^ 9 root = 7.17333336211e+01
99 * 10. a^ 0.6 | = 10 n^ 10 root = 7.9459146239278e+01
99 * 10. a^ 0.6 | = 10 n^ 11 root = 8.7207439939951e+01
99 * 10. a^ 0.6 | = 10 n^ 12 root = 9.4979316229978e+01
99 * 10. a^ 0.6 | = 10 n^ 13 root = 1.027529692723e+02
99 * 10. a^ 0.6 | = 10 n^ 14 root = 1.1054219377463e+02
99 * 10. a^ 0.6 | = 10 n^ 15 root = 1.183402460302e+02
99 * 10. a^ 0.6 | = 10 n^ 16 root = 1.2614676769402e+02
99 * 10. a^ 0.6 | = 10 n^ 17 root = 1.339617423205e+02
99 * 10. a^ 0.6 | = 10 n^ 18 root = 1.417760724325e+02
99 * 10. a^ 0.6 | = 10 n^ 19 root = 1.49592325741700e+02
99 * 10. a^ 0.6 | = 10 n^ 20 root = 1.574194442699e+02
99 * 10. a^ 0.6 | = 10 n^ 21 root = 1.6524195169907e+02
99 * 10. a^ 0.6 | = 10 n^ 22 root = 1.7307018771936e+02
99 * 10. a^ 0.6 | = 10 n^ 23 root = 1.8090110319293e+02
99 * 10. a^ 0.6 | = 10 n^ 24 root = 1.887330076393e+02
99 * 10. a^ 0.6 | = 10 n^ 25 root = 1.965652951900e+02
99 * 10. a^ 0.6 | = 10 n^ 26 root = 2.044022926976e+02
99 * 10. a^ 0.6 | = 10 n^ 27 root = 2.122415332009e+02
99 * 10. a^ 0.6 | = 10 n^ 28 root = 2.200832929493e+02
99 * 10. a^ 0.6 | = 10 n^ 29 root = 2.27928166711306e+02
99 * 10. a^ 0.6 | = 10 n^ 30 root = 2.357801088403e+02
```



```

c
c
c
** 10. ** 0.6 ** 13 ** 1   root = 1.941991391113e+01
** 10. ** 0.6 ** 13 ** 2   root = 2.3328881191415e+01
** 10. ** 0.6 ** 13 ** 3   root = 2.9190814575901e+01
** 10. ** 0.6 ** 13 ** 4   root = 3.5704391431781e+01
** 10. ** 0.6 ** 13 ** 5   root = 4.2773132959119e+01
** 10. ** 0.6 ** 13 ** 6   root = 5.002572098117e+01
** 10. ** 0.6 ** 13 ** 7   root = 5.7492421098036e+01
** 10. ** 0.6 ** 13 ** 8   root = 6.487810846337e+01
** 10. ** 0.6 ** 13 ** 9   root = 7.2571529268939e+01
** 10. ** 0.6 ** 13 ** 10  root = 8.0219488951187e+01
** 10. ** 0.6 ** 13 ** 11  root = 8.762268378140e+01
** 10. ** 0.6 ** 13 ** 12  root = 9.5606098219182e+01
** 10. ** 0.6 ** 13 ** 13  root = 1.033374886176e+02
** 10. ** 0.6 ** 13 ** 14  root = 1.110860202699e+02
** 10. ** 0.6 ** 13 ** 15  root = 1.18948501799e+02
** 10. ** 0.6 ** 13 ** 16  root = 1.2682232344395e+02
** 10. ** 0.6 ** 13 ** 17  root = 1.3440200088204e+02
** 10. ** 0.6 ** 13 ** 18  root = 1.4213843002937e+02
** 10. ** 0.6 ** 13 ** 19  root = 1.4989407173702e+02
** 10. ** 0.6 ** 13 ** 20  root = 1.5779729463989e+02
** 10. ** 0.6 ** 13 ** 21  root = 1.658692777472e+02
** 10. ** 0.6 ** 13 ** 22  root = 1.7311746129589e+02
** 10. ** 0.6 ** 13 ** 23  root = 1.8123324210175e+02
** 10. ** 0.6 ** 13 ** 24  root = 1.8909221108609e+02
** 10. ** 0.6 ** 13 ** 25  root = 1.967397409714e+02
** 10. ** 0.6 ** 13 ** 26  root = 2.0469821007771e+02
** 10. ** 0.6 ** 13 ** 27  root = 2.125246427728e+02
** 10. ** 0.6 ** 13 ** 28  root = 2.2035304495039e+02
** 10. ** 0.6 ** 13 ** 29  root = 2.2818320619396e+02
** 10. ** 0.6 ** 13 ** 30  root = 2.3611495360483e+02

```

```

c
c
c
** 10. ** 0.6 ** 14 ** 1   root = 1.9491775745121e+01
** 10. ** 0.6 ** 14 ** 2   root = 2.4363379949310e+01
** 10. ** 0.6 ** 14 ** 3   root = 2.989727407911e+01
** 10. ** 0.6 ** 14 ** 4   root = 3.624532114008e+01
** 10. ** 0.6 ** 14 ** 5   root = 4.332351498747e+01
** 10. ** 0.6 ** 14 ** 6   root = 5.050982168829e+01
** 10. ** 0.6 ** 14 ** 7   root = 5.789433891712e+01
** 10. ** 0.6 ** 14 ** 8   root = 6.53394133675e+01
** 10. ** 0.6 ** 14 ** 9   root = 7.2894940426575e+01
** 10. ** 0.6 ** 14 ** 10  root = 8.050782440982e+01
** 10. ** 0.6 ** 14 ** 11  root = 8.81633630894e+01
** 10. ** 0.6 ** 14 ** 12  root = 9.595119851092e+01
** 10. ** 0.6 ** 14 ** 13  root = 1.0399410191802e+02
** 10. ** 0.6 ** 14 ** 14  root = 1.122865266605e+02
** 10. ** 0.6 ** 14 ** 15  root = 1.1904951043931e+02
** 10. ** 0.6 ** 14 ** 16  root = 1.2580713870908e+02
** 10. ** 0.6 ** 14 ** 17  root = 1.3245782978077e+02
** 10. ** 0.6 ** 14 ** 18  root = 1.4278102959129e+02
** 10. ** 0.6 ** 14 ** 19  root = 1.501500629297e+02
** 10. ** 0.6 ** 14 ** 20  root = 1.574922191617e+02
** 10. ** 0.6 ** 14 ** 21  root = 1.65748328997e+02
** 10. ** 0.6 ** 14 ** 22  root = 1.7392321788378e+02
** 10. ** 0.6 ** 14 ** 23  root = 1.813628930029e+02
** 10. ** 0.6 ** 14 ** 24  root = 1.8917264701185e+02
** 10. ** 0.6 ** 14 ** 25  root = 1.9688274314830e+02
** 10. ** 0.6 ** 14 ** 26  root = 2.0491243027889e+02
** 10. ** 0.6 ** 14 ** 27  root = 2.1289465118887e+02
** 10. ** 0.6 ** 14 ** 28  root = 2.2049891353705e+02
** 10. ** 0.6 ** 14 ** 29  root = 2.2883924640335e+02
** 10. ** 0.6 ** 14 ** 30  root = 2.3611380153438e+02

```

```

c
c
** 10. a = 0.6 | = 15 | n = 1 | root = 2.057002393949e+01
** 10. a = 0.6 | = 15 | n = 2 | root = 2.5363112294791e+01
** 10. a = 0.6 | = 15 | n = 3 | root = 3.063929252799e+01
** 10. a = 0.6 | = 15 | n = 4 | root = 3.7117263037598e+01
** 10. a = 0.6 | = 15 | n = 5 | root = 4.3905146889405e+01
** 10. a = 0.6 | = 15 | n = 6 | root = 5.100492923159e+01
** 10. a = 0.6 | = 15 | n = 7 | root = 5.8459263199091e+01
** 10. a = 0.6 | = 15 | n = 8 | root = 6.6274907710071e+01
** 10. a = 0.6 | = 15 | n = 9 | root = 7.447876870799e+01
** 10. a = 0.6 | = 15 | n = 10 | root = 8.3081998247998e+01
** 10. a = 0.6 | = 15 | n = 11 | root = 9.2094699519282e+01
** 10. a = 0.6 | = 15 | n = 12 | root = 9.113170331169e+01
** 10. a = 0.6 | = 15 | n = 13 | root = 1.0360948332920e+02
** 10. a = 0.6 | = 15 | n = 14 | root = 1.1152971027512e+02
** 10. a = 0.6 | = 15 | n = 15 | root = 1.152929293975e+02
** 10. a = 0.6 | = 15 | n = 16 | root = 1.2703000921795e+02
** 10. a = 0.6 | = 15 | n = 17 | root = 1.347959912894e+02
** 10. a = 0.6 | = 15 | n = 18 | root = 1.4257190031074e+02
** 10. a = 0.6 | = 15 | n = 19 | root = 1.6213170393959e+02
** 10. a = 0.6 | = 15 | n = 20 | root = 1.5810422734339e+02
** 10. a = 0.6 | = 15 | n = 21 | root = 1.6989774031299e+02
** 10. a = 0.6 | = 15 | n = 22 | root = 1.739371183399e+02
** 10. a = 0.6 | = 15 | n = 23 | root = 1.8150045052965e+02
** 10. a = 0.6 | = 15 | n = 24 | root = 1.893895141471e+02
** 10. a = 0.6 | = 15 | n = 25 | root = 1.971192297336e+02
** 10. a = 0.6 | = 15 | n = 26 | root = 2.0493444376735e+02
** 10. a = 0.6 | = 15 | n = 27 | root = 2.1275249662960e+02
** 10. a = 0.6 | = 15 | n = 28 | root = 2.2057279161125e+02
** 10. a = 0.6 | = 15 | n = 29 | root = 2.283935343999e+02
** 10. a = 0.6 | = 15 | n = 30 | root = 2.3622006143309e+02
c
c
** 10. a = 0.7 | = 1 | n = 1 | root = 1.0933139976979e+01
** 10. a = 0.7 | = 1 | n = 2 | root = 2.0939146900115e+01
** 10. a = 0.7 | = 1 | n = 3 | root = 3.1130221195019e+01
** 10. a = 0.7 | = 1 | n = 4 | root = 4.1590399110966e+01
** 10. a = 0.7 | = 1 | n = 5 | root = 5.2059292951295e+01
** 10. a = 0.7 | = 1 | n = 6 | root = 6.252939723075e+01
** 10. a = 0.7 | = 1 | n = 7 | root = 7.299129393122e+01
** 10. a = 0.7 | = 1 | n = 8 | root = 8.3460766071306e+01
** 10. a = 0.7 | = 1 | n = 9 | root = 9.3939309195919e+01
** 10. a = 0.7 | = 1 | n = 10 | root = 1.0440127036209e+02
** 10. a = 0.7 | = 1 | n = 11 | root = 1.1487199819990e+02
** 10. a = 0.7 | = 1 | n = 12 | root = 1.2536425189393e+02
** 10. a = 0.7 | = 1 | n = 13 | root = 1.3591400749921e+02
** 10. a = 0.7 | = 1 | n = 14 | root = 1.4639292512111e+02
** 10. a = 0.7 | = 1 | n = 15 | root = 1.567999430531e+02
** 10. a = 0.7 | = 1 | n = 16 | root = 1.6722794989911e+02
** 10. a = 0.7 | = 1 | n = 17 | root = 1.7769911523998e+02
** 10. a = 0.7 | = 1 | n = 18 | root = 1.8817091161259e+02
** 10. a = 0.7 | = 1 | n = 19 | root = 1.9864211453959e+02
** 10. a = 0.7 | = 1 | n = 20 | root = 2.091142887100e+02
** 10. a = 0.7 | = 1 | n = 21 | root = 2.195874699127e+02
** 10. a = 0.7 | = 1 | n = 22 | root = 2.300597947394e+02
** 10. a = 0.7 | = 1 | n = 23 | root = 2.4052919993143e+02
** 10. a = 0.7 | = 1 | n = 24 | root = 2.5100099951409e+02
** 10. a = 0.7 | = 1 | n = 25 | root = 2.6147829279381e+02
** 10. a = 0.7 | = 1 | n = 26 | root = 2.7194439974199e+02
** 10. a = 0.7 | = 1 | n = 27 | root = 2.8241817891110e+02
** 10. a = 0.7 | = 1 | n = 28 | root = 2.9289797097799e+02
** 10. a = 0.7 | = 1 | n = 29 | root = 3.0338777490149e+02
** 10. a = 0.7 | = 1 | n = 30 | root = 3.1388199530037e+02

```



```

c
c
c
**= 10. a^ 0.7 | = 6 n^ 1 root = 1.2763663190182e+01
**= 10. a^ 0.7 | = 6 n^ 2 root = 2.20419663700535e+01
**= 10. a^ 0.7 | = 6 n^ 3 root = 3.20464429193336e+01
**= 10. a^ 0.7 | = 6 n^ 4 root = 4.22767147003904e+01
**= 10. a^ 0.7 | = 6 n^ 5 root = 5.26569160189700e+01
**= 10. a^ 0.7 | = 6 n^ 6 root = 6.29811988851084e+01
**= 10. a^ 0.7 | = 6 n^ 7 root = 7.33940500944604e+01
**= 10. a^ 0.7 | = 6 n^ 8 root = 8.38842793251154e+01
**= 10. a^ 0.7 | = 6 n^ 9 root = 9.42369662912354e+01
**= 10. a^ 0.7 | = 6 n^ 10 root = 1.04675784211174e+02
**= 10. a^ 0.7 | = 6 n^ 11 root = 1.15121440363264e+02
**= 10. a^ 0.7 | = 6 n^ 12 root = 1.25571499413691e+02
**= 10. a^ 0.7 | = 6 n^ 13 root = 1.36024304212234e+02
**= 10. a^ 0.7 | = 6 n^ 14 root = 1.46481628777294e+02
**= 10. a^ 0.7 | = 6 n^ 15 root = 1.56939245700814e+02
**= 10. a^ 0.7 | = 6 n^ 16 root = 1.67399188041784e+02
**= 10. a^ 0.7 | = 6 n^ 17 root = 1.77860500630344e+02
**= 10. a^ 0.7 | = 6 n^ 18 root = 1.88322694636311e+02
**= 10. a^ 0.7 | = 6 n^ 19 root = 1.98786634631935e+02
**= 10. a^ 0.7 | = 6 n^ 20 root = 2.09251020411139e+02
**= 10. a^ 0.7 | = 6 n^ 21 root = 2.19716130886014e+02
**= 10. a^ 0.7 | = 6 n^ 22 root = 2.30181857022974e+02
**= 10. a^ 0.7 | = 6 n^ 23 root = 2.40648147204195e+02
**= 10. a^ 0.7 | = 6 n^ 24 root = 2.51145229167040e+02
**= 10. a^ 0.7 | = 6 n^ 25 root = 2.61582077140114e+02
**= 10. a^ 0.7 | = 6 n^ 26 root = 2.72049621662142e+02
**= 10. a^ 0.7 | = 6 n^ 27 root = 2.82547492551124e+02
**= 10. a^ 0.7 | = 6 n^ 28 root = 2.93065662116759e+02
**= 10. a^ 0.7 | = 6 n^ 29 root = 3.03484092394634e+02
**= 10. a^ 0.7 | = 6 n^ 30 root = 3.13922759486139e+02

```

```

c
c
c
**= 10. a^ 0.7 | = 7 n^ 1 root = 1.35404209509024e+01
**= 10. a^ 0.7 | = 7 n^ 2 root = 2.24980142091524e+01
**= 10. a^ 0.7 | = 7 n^ 3 root = 3.23609774198454e+01
**= 10. a^ 0.7 | = 7 n^ 4 root = 4.25170217849194e+01
**= 10. a^ 0.7 | = 7 n^ 5 root = 5.27372946116754e+01
**= 10. a^ 0.7 | = 7 n^ 6 root = 6.31402947215174e+01
**= 10. a^ 0.7 | = 7 n^ 7 root = 7.35210917432524e+01
**= 10. a^ 0.7 | = 7 n^ 8 root = 8.39841763894724e+01
**= 10. a^ 0.7 | = 7 n^ 9 root = 9.43425765138714e+01
**= 10. a^ 0.7 | = 7 n^ 10 root = 1.04771689532154e+02
**= 10. a^ 0.7 | = 7 n^ 11 root = 1.152082292653174e+02
**= 10. a^ 0.7 | = 7 n^ 12 root = 1.25251404188604e+02
**= 10. a^ 0.7 | = 7 n^ 13 root = 1.36098939303714e+02
**= 10. a^ 0.7 | = 7 n^ 14 root = 1.46894949239579e+02
**= 10. a^ 0.7 | = 7 n^ 15 root = 1.57603146399504e+02
**= 10. a^ 0.7 | = 7 n^ 16 root = 1.67459103237039e+02
**= 10. a^ 0.7 | = 7 n^ 17 root = 1.77516913676534e+02
**= 10. a^ 0.7 | = 7 n^ 18 root = 1.88376320303514e+02
**= 10. a^ 0.7 | = 7 n^ 19 root = 1.98837029922634e+02
**= 10. a^ 0.7 | = 7 n^ 20 root = 2.09251020411139e+02
**= 10. a^ 0.7 | = 7 n^ 21 root = 2.19716130886014e+02
**= 10. a^ 0.7 | = 7 n^ 22 root = 2.30223690306544e+02
**= 10. a^ 0.7 | = 7 n^ 23 root = 2.40689779530074e+02
**= 10. a^ 0.7 | = 7 n^ 24 root = 2.51154702655744e+02
**= 10. a^ 0.7 | = 7 n^ 25 root = 2.61620372408604e+02
**= 10. a^ 0.7 | = 7 n^ 26 root = 2.72089441081934e+02
**= 10. a^ 0.7 | = 7 n^ 27 root = 2.82552948180464e+02
**= 10. a^ 0.7 | = 7 n^ 28 root = 2.93019849881454e+02
**= 10. a^ 0.7 | = 7 n^ 29 root = 3.03484092394634e+02
**= 10. a^ 0.7 | = 7 n^ 30 root = 3.13948605000544e+02

```

```

c
c
10 . 10. .a . 0.7 | . 8 n = 1 root = 1.4382119177283e+01
10 . 10. .a . 0.7 | . 8 n = 2 root = 2.3007677288223e+01
10 . 10. .a . 0.7 | . 8 n = 3 root = 3.2718743781433e+01
10 . 10. .a . 0.7 | . 8 n = 4 root = 4.276778232271e+01
10 . 10. .a . 0.7 | . 8 n = 5 root = 5.3015183131825e+01
10 . 10. .a . 0.7 | . 8 n = 6 root = 6.3329989898149e+01
10 . 10. .a . 0.7 | . 8 n = 7 root = 7.3671325157829e+01
10 . 10. .a . 0.7 | . 8 n = 8 root = 8.4081003718039e+01
10 . 10. .a . 0.7 | . 8 n = 9 root = 9.4492394838275e+01
10 . 10. .a . 0.7 | . 8 n = 10 root = 1.0488121282017e+02
10 . 10. .a . 0.7 | . 8 n = 11 root = 1.1530618752774e+02
10 . 10. .a . 0.7 | . 8 n = 12 root = 1.2574268719916e+02
10 . 10. .a . 0.7 | . 8 n = 13 root = 1.3618252158825e+02
10 . 10. .a . 0.7 | . 8 n = 14 root = 1.4662771451651e+02
10 . 10. .a . 0.7 | . 8 n = 15 root = 1.5707613710739e+02
10 . 10. .a . 0.7 | . 8 n = 16 root = 1.6752750890229e+02
10 . 10. .a . 0.7 | . 8 n = 17 root = 1.7798133373012e+02
10 . 10. .a . 0.7 | . 8 n = 18 root = 1.8843713201320e+02
10 . 10. .a . 0.7 | . 8 n = 19 root = 1.9889458989833e+02
10 . 10. .a . 0.7 | . 8 n = 20 root = 2.0935363282077e+02
10 . 10. .a . 0.7 | . 8 n = 21 root = 2.1981329775789e+02
10 . 10. .a . 0.7 | . 8 n = 22 root = 2.3027513376774e+02
10 . 10. .a . 0.7 | . 8 n = 23 root = 2.4073732512501e+02
10 . 10. .a . 0.7 | . 8 n = 24 root = 2.5120038303276e+02
10 . 10. .a . 0.7 | . 8 n = 25 root = 2.6166413182715e+02
10 . 10. .a . 0.7 | . 8 n = 26 root = 2.7212851459704e+02
10 . 10. .a . 0.7 | . 8 n = 27 root = 2.8259348308122e+02
10 . 10. .a . 0.7 | . 8 n = 28 root = 2.9305895898374e+02
10 . 10. .a . 0.7 | . 8 n = 29 root = 3.0352481008995e+02
10 . 10. .a . 0.7 | . 8 n = 30 root = 3.1399111568590e+02

```

```

c
c
10 . 10. .a . 0.7 | . 9 n = 1 root = 1.5209320143531e+01
10 . 10. .a . 0.7 | . 9 n = 2 root = 2.3588079479479e+01
10 . 10. .a . 0.7 | . 9 n = 3 root = 3.3119421366010e+01
10 . 10. .a . 0.7 | . 9 n = 4 root = 4.305842733374e+01
10 . 10. .a . 0.7 | . 9 n = 5 root = 5.3299220013306e+01
10 . 10. .a . 0.7 | . 9 n = 6 root = 6.3527194893971e+01
10 . 10. .a . 0.7 | . 9 n = 7 root = 7.3852785215934e+01
10 . 10. .a . 0.7 | . 9 n = 8 root = 8.4214672828076e+01
10 . 10. .a . 0.7 | . 9 n = 9 root = 9.4600588741913e+01
10 . 10. .a . 0.7 | . 9 n = 10 root = 1.0500432823351e+02
10 . 10. .a . 0.7 | . 9 n = 11 root = 1.1542009428973e+02
10 . 10. .a . 0.7 | . 9 n = 12 root = 1.258526194732e+02
10 . 10. .a . 0.7 | . 9 n = 13 root = 1.3627782989405e+02
10 . 10. .a . 0.7 | . 9 n = 14 root = 1.467152837722e+02
10 . 10. .a . 0.7 | . 9 n = 15 root = 1.5715821888303e+02
10 . 10. .a . 0.7 | . 9 n = 16 root = 1.6760449270707e+02
10 . 10. .a . 0.7 | . 9 n = 17 root = 1.7805352312584e+02
10 . 10. .a . 0.7 | . 9 n = 18 root = 1.8850222251717e+02
10 . 10. .a . 0.7 | . 9 n = 19 root = 1.9895049349755e+02
10 . 10. .a . 0.7 | . 9 n = 20 root = 2.0941517718826e+02
10 . 10. .a . 0.7 | . 9 n = 21 root = 2.1987457608200e+02
10 . 10. .a . 0.7 | . 9 n = 22 root = 2.3033107838219e+02
10 . 10. .a . 0.7 | . 9 n = 23 root = 2.4078282818741e+02
10 . 10. .a . 0.7 | . 9 n = 24 root = 2.5123162773508e+02
10 . 10. .a . 0.7 | . 9 n = 25 root = 2.6171338279306e+02
10 . 10. .a . 0.7 | . 9 n = 26 root = 2.7217383844830e+02
10 . 10. .a . 0.7 | . 9 n = 27 root = 2.8261900833320e+02
10 . 10. .a . 0.7 | . 9 n = 28 root = 2.9310289027267e+02
10 . 10. .a . 0.7 | . 9 n = 29 root = 3.0362423007178e+02
10 . 10. .a . 0.7 | . 9 n = 30 root = 3.1418212820746e+02

```

c
c

10 . a 0.7 1 10 n 1 root = 1.6104019092921e+01
10 . a 0.7 1 10 n 2 root = 2.4172829139311e+01
10 . a 0.7 1 10 n 3 root = 3.3946811310076e+01
10 . a 0.7 1 10 n 4 root = 4.342499322800e+01
10 . a 0.7 1 10 n 5 root = 5.3629134941703e+01
10 . a 0.7 1 10 n 6 root = 6.375334320132e+01
10 . a 0.7 1 10 n 7 root = 7.4047192397103e+01
10 . a 0.7 1 10 n 8 root = 8.438999932337e+01
10 . a 0.7 1 10 n 9 root = 9.472228117794e+01
10 . a 0.7 1 10 n 10 root = 1.05144985307131e+02
10 . a 0.7 1 10 n 11 root = 1.1594431311971e+02
10 . a 0.7 1 10 n 12 root = 1.259291604975e+02
10 . a 0.7 1 10 n 13 root = 1.353927653633e+02
10 . a 0.7 1 10 n 14 root = 1.44891331409363e+02
10 . a 0.7 1 10 n 15 root = 1.5724835774827e+02
10 . a 0.7 1 10 n 16 root = 1.67389912941363e+02
10 . a 0.7 1 10 n 17 root = 1.7813412932483e+02
10 . a 0.7 1 10 n 18 root = 1.882914839252e+02
10 . a 0.7 1 10 n 19 root = 1.9933140739503e+02
10 . a 0.7 1 10 n 20 root = 2.094635323970e+02
10 . a 0.7 1 10 n 21 root = 2.19377524432e+02
10 . a 0.7 1 10 n 22 root = 2.3033321945305e+02
10 . a 0.7 1 10 n 23 root = 2.4029527714370e+02
10 . a 0.7 1 10 n 24 root = 2.5130861781763e+02
10 . a 0.7 1 10 n 25 root = 2.617690324402e+02
10 . a 0.7 1 10 n 26 root = 2.722294141233e+02
10 . a 0.7 1 10 n 27 root = 2.826989250277e+02
10 . a 0.7 1 10 n 28 root = 2.9315169538077e+02
10 . a 0.7 1 10 n 29 root = 3.03513232019e+02
10 . a 0.7 1 10 n 30 root = 3.147768007598e+02

c
c

10 . a 0.7 1 11 n 1 root = 1.702650972074e+01
10 . a 0.7 1 11 n 2 root = 2.462932233966e+01
10 . a 0.7 1 11 n 3 root = 3.401782776836e+01
10 . a 0.7 1 11 n 4 root = 4.376333095170e+01
10 . a 0.7 1 11 n 5 root = 5.39246897416e+01
10 . a 0.7 1 11 n 6 root = 6.400123611576e+01
10 . a 0.7 1 11 n 7 root = 7.4280483362051e+01
10 . a 0.7 1 11 n 8 root = 8.4572177530361e+01
10 . a 0.7 1 11 n 9 root = 9.491912723943e+01
10 . a 0.7 1 11 n 10 root = 1.052930933194e+02
10 . a 0.7 1 11 n 11 root = 1.1589080436714e+02
10 . a 0.7 1 11 n 12 root = 1.2609439430203e+02
10 . a 0.7 1 11 n 13 root = 1.364632732323e+02
10 . a 0.7 1 11 n 14 root = 1.469308298180e+02
10 . a 0.7 1 11 n 15 root = 1.5739207498710e+02
10 . a 0.7 1 11 n 16 root = 1.67763892463e+02
10 . a 0.7 1 11 n 17 root = 1.782229993633e+02
10 . a 0.7 1 11 n 18 root = 1.8899900742415e+02
10 . a 0.7 1 11 n 19 root = 1.991102372394e+02
10 . a 0.7 1 11 n 20 root = 2.092087127209e+02
10 . a 0.7 1 11 n 21 root = 2.2000912611497e+02
10 . a 0.7 1 11 n 22 root = 2.304649284229e+02
10 . a 0.7 1 11 n 23 root = 2.409199339300e+02
10 . a 0.7 1 11 n 24 root = 2.513712539397e+02
10 . a 0.7 1 11 n 25 root = 2.618891893915e+02
10 . a 0.7 1 11 n 26 root = 2.733982429307e+02
10 . a 0.7 1 11 n 27 root = 2.848743332781e+02
10 . a 0.7 1 11 n 28 root = 2.9320332937140e+02
10 . a 0.7 1 11 n 29 root = 3.039861776595e+02
10 . a 0.7 1 11 n 30 root = 3.141277857196e+02

c
c

```
se = 10. a = 0.7 i = 12 n = 1 root = 1.790661170609e+01
se = 10. a = 0.7 i = 12 n = 2 root = 2.3615725773949e+01
se = 10. a = 0.7 i = 12 n = 3 root = 3.4524668159300e+01
se = 10. a = 0.7 i = 12 n = 4 root = 4.4182311622830e+01
se = 10. a = 0.7 i = 12 n = 5 root = 5.414909731792e+01
se = 10. a = 0.7 i = 12 n = 6 root = 6.427023576987e+01
se = 10. a = 0.7 i = 12 n = 7 root = 7.442942671952e+01
se = 10. a = 0.7 i = 12 n = 8 root = 8.477900097733e+01
se = 10. a = 0.7 i = 12 n = 9 root = 9.5100491092009e+01
se = 10. a = 0.7 i = 12 n = 10 root = 1.0549434703657e+02
se = 10. a = 0.7 i = 12 n = 11 root = 1.159292312893e+02
se = 10. a = 0.7 i = 12 n = 12 root = 1.2622075067297e+02
se = 10. a = 0.7 i = 12 n = 13 root = 1.362434847059e+02
se = 10. a = 0.7 i = 12 n = 14 root = 1.4703769453078e+02
se = 10. a = 0.7 i = 12 n = 15 root = 1.5749382181711e+02
se = 10. a = 0.7 i = 12 n = 16 root = 1.678833349494e+02
se = 10. a = 0.7 i = 12 n = 17 root = 1.781191388251e+02
se = 10. a = 0.7 i = 12 n = 18 root = 1.887506833401e+02
se = 10. a = 0.7 i = 12 n = 19 root = 1.991388251197e+02
se = 10. a = 0.7 i = 12 n = 20 root = 2.098463097257e+02
se = 10. a = 0.7 i = 12 n = 21 root = 2.2006727270573e+02
se = 10. a = 0.7 i = 12 n = 22 root = 2.3023638738635e+02
se = 10. a = 0.7 i = 12 n = 23 root = 2.4028895313611e+02
se = 10. a = 0.7 i = 12 n = 24 root = 2.514357688535e+02
se = 10. a = 0.7 i = 12 n = 25 root = 2.6189375339903e+02
se = 10. a = 0.7 i = 12 n = 26 root = 2.7239425739450e+02
se = 10. a = 0.7 i = 12 n = 27 root = 2.8280560911977e+02
se = 10. a = 0.7 i = 12 n = 28 root = 2.9326391047423e+02
se = 10. a = 0.7 i = 12 n = 29 root = 3.037227352754e+02
se = 10. a = 0.7 i = 12 n = 30 root = 3.1418243792627e+02
```

c
c

```
se = 10. a = 0.7 i = 13 n = 1 root = 1.892267451522e+01
se = 10. a = 0.7 i = 13 n = 2 root = 2.6242987905096e+01
se = 10. a = 0.7 i = 13 n = 3 root = 3.5082631145045e+01
se = 10. a = 0.7 i = 13 n = 4 root = 4.460226737773e+01
se = 10. a = 0.7 i = 13 n = 5 root = 5.4469942361365e+01
se = 10. a = 0.7 i = 13 n = 6 root = 6.4561074416449e+01
se = 10. a = 0.7 i = 13 n = 7 root = 7.4743047647030e+01
se = 10. a = 0.7 i = 13 n = 8 root = 8.499987039449e+01
se = 10. a = 0.7 i = 13 n = 9 root = 9.529260674257e+01
se = 10. a = 0.7 i = 13 n = 10 root = 1.063113692374e+02
se = 10. a = 0.7 i = 13 n = 11 root = 1.1598043319250e+02
se = 10. a = 0.7 i = 13 n = 12 root = 1.2628337435777e+02
se = 10. a = 0.7 i = 13 n = 13 root = 1.373737111241e+02
se = 10. a = 0.7 i = 13 n = 14 root = 1.4716436947300e+02
se = 10. a = 0.7 i = 13 n = 15 root = 1.5757702004994e+02
se = 10. a = 0.7 i = 13 n = 16 root = 1.6789795916385e+02
se = 10. a = 0.7 i = 13 n = 17 root = 1.782341647435e+02
se = 10. a = 0.7 i = 13 n = 18 root = 1.886970114470e+02
se = 10. a = 0.7 i = 13 n = 19 root = 1.992928419704e+02
se = 10. a = 0.7 i = 13 n = 20 root = 2.0972942022589e+02
se = 10. a = 0.7 i = 13 n = 21 root = 2.2017178833229e+02
se = 10. a = 0.7 i = 13 n = 22 root = 2.3061801114529e+02
se = 10. a = 0.7 i = 13 n = 23 root = 2.410591829425e+02
se = 10. a = 0.7 i = 13 n = 24 root = 2.5151327133705e+02
se = 10. a = 0.7 i = 13 n = 25 root = 2.6198478746920e+02
se = 10. a = 0.7 i = 13 n = 26 root = 2.7247170008205e+02
se = 10. a = 0.7 i = 13 n = 27 root = 2.8287718340748e+02
se = 10. a = 0.7 i = 13 n = 28 root = 2.9323732008920e+02
se = 10. a = 0.7 i = 13 n = 29 root = 3.037037028237e+02
se = 10. a = 0.7 i = 13 n = 30 root = 3.1424183381689e+02
```

```

c
c
se = 10. a = 0.7 l = 14 n = 1 root = 1.9911921999214e+01
se = 10. a = 0.7 l = 14 n = 2 root = 2.7004203094336e+01
se = 10. a = 0.7 l = 14 n = 3 root = 3.353330462299e+01
se = 10. a = 0.7 l = 14 n = 4 root = 4.5096381336269e+01
se = 10. a = 0.7 l = 14 n = 5 root = 5.4899142506681e+01
se = 10. a = 0.7 l = 14 n = 6 root = 6.4872942009117e+01
se = 10. a = 0.7 l = 14 n = 7 root = 7.5011561225304e+01
se = 10. a = 0.7 l = 14 n = 8 root = 8.5232248723218e+01
se = 10. a = 0.7 l = 14 n = 9 root = 9.55070326156212e+01
se = 10. a = 0.7 l = 14 n = 10 root = 1.1692120309617e+02
se = 10. a = 0.7 l = 14 n = 11 root = 1.1616347651612e+02
se = 10. a = 0.7 l = 14 n = 12 root = 1.266271674783e+02
se = 10. a = 0.7 l = 14 n = 13 root = 1.3931732694912e+02
se = 10. a = 0.7 l = 14 n = 14 root = 1.4720069478135e+02
se = 10. a = 0.7 l = 14 n = 15 root = 1.5770436011729e+02
se = 10. a = 0.7 l = 14 n = 16 root = 1.691185571871e+02
se = 10. a = 0.7 l = 14 n = 17 root = 1.7853578422034e+02
se = 10. a = 0.7 l = 14 n = 18 root = 1.8995084946102e+02
se = 10. a = 0.7 l = 14 n = 19 root = 1.9355064261516e+02
se = 10. a = 0.7 l = 14 n = 20 root = 2.092502786346e+02
se = 10. a = 0.7 l = 14 n = 21 root = 2.2026280767015e+02
se = 10. a = 0.7 l = 14 n = 22 root = 2.3070365253334e+02
se = 10. a = 0.7 l = 14 n = 23 root = 2.4114723041931e+02
se = 10. a = 0.7 l = 14 n = 24 root = 2.515832709993e+02
se = 10. a = 0.7 l = 14 n = 25 root = 2.62041265042e+02
se = 10. a = 0.7 l = 14 n = 26 root = 2.724911303065e+02
se = 10. a = 0.7 l = 14 n = 27 root = 2.829425053094e+02
se = 10. a = 0.7 l = 14 n = 28 root = 2.9339362377116e+02
se = 10. a = 0.7 l = 14 n = 29 root = 3.038450753654e+02
se = 10. a = 0.7 l = 14 n = 30 root = 3.1430537112651e+02

```

```

c
c
se = 10. a = 0.7 l = 15 n = 1 root = 2.0945371649460e+01
se = 10. a = 0.7 l = 15 n = 2 root = 2.778226506745e+01
se = 10. a = 0.7 l = 15 n = 3 root = 3.524373381145e+01
se = 10. a = 0.7 l = 15 n = 4 root = 4.2534869401306e+01
se = 10. a = 0.7 l = 15 n = 5 root = 5.02503638832e+01
se = 10. a = 0.7 l = 15 n = 6 root = 5.820494948777e+01
se = 10. a = 0.7 l = 15 n = 7 root = 7.5259049466073e+01
se = 10. a = 0.7 l = 15 n = 8 root = 8.949480428391e+01
se = 10. a = 0.7 l = 15 n = 9 root = 9.5732636941173e+01
se = 10. a = 0.7 l = 15 n = 10 root = 1.050244604362e+02
se = 10. a = 0.7 l = 15 n = 11 root = 1.1634680374603e+02
se = 10. a = 0.7 l = 15 n = 12 root = 1.2666706945029e+02
se = 10. a = 0.7 l = 15 n = 13 root = 1.370944063633e+02
se = 10. a = 0.7 l = 15 n = 14 root = 1.4744626369775e+02
se = 10. a = 0.7 l = 15 n = 15 root = 1.5784081101876e+02
se = 10. a = 0.7 l = 15 n = 16 root = 1.6828433003103e+02
se = 10. a = 0.7 l = 15 n = 17 root = 1.782661030418e+02
se = 10. a = 0.7 l = 15 n = 18 root = 1.8907491607075e+02
se = 10. a = 0.7 l = 15 n = 19 root = 1.9394265168103e+02
se = 10. a = 0.7 l = 15 n = 20 root = 2.092737013688e+02
se = 10. a = 0.7 l = 15 n = 21 root = 2.2030029110619e+02
se = 10. a = 0.7 l = 15 n = 22 root = 2.307367868081e+02
se = 10. a = 0.7 l = 15 n = 23 root = 2.411820579008e+02
se = 10. a = 0.7 l = 15 n = 24 root = 2.5167820069775e+02
se = 10. a = 0.7 l = 15 n = 25 root = 2.6212318140033e+02
se = 10. a = 0.7 l = 15 n = 26 root = 2.726693058935e+02
se = 10. a = 0.7 l = 15 n = 27 root = 2.8301800685187e+02
se = 10. a = 0.7 l = 15 n = 28 root = 2.9346877328974e+02
se = 10. a = 0.7 l = 15 n = 29 root = 3.0384507537311e+02
se = 10. a = 0.7 l = 15 n = 30 root = 3.1437329475382e+02

```

chars: 0

pages: 75

secrets: 1

lines: 779

vectors: 4

points: 0

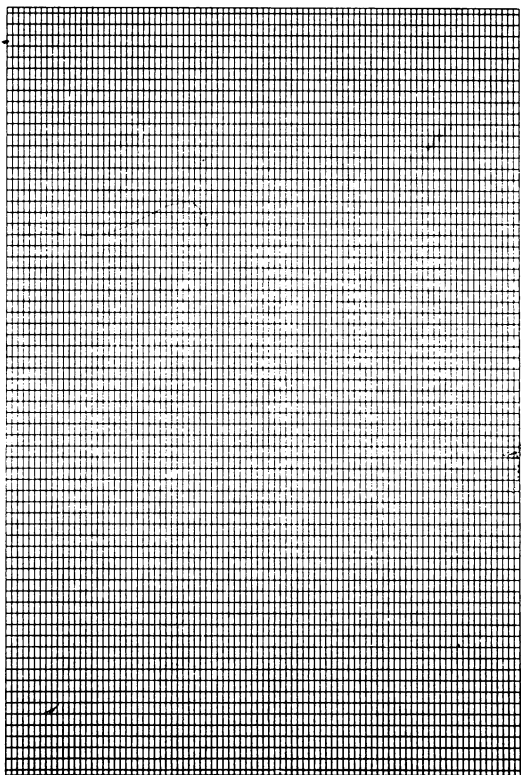
macro names: 0

macro words: 0

off

nl.	16000					
to.						
re.	1350000					
rr.	keep1.					
oo.	.12	.12	.01	.01		
ap.	69	90	.94	.21	.21	.04

99 \$recomp: 09/06/77 00:30:51 \$rebill: 09/06/77 00:36:50\$-5-



22 0
68 90 .94 .25 .16 .04 .08

#####source sink rows cols case
b6b4 f6b04 68 90 1

machine-date-time formatted
r 09/02/77 13:10

online-flag\page-name\line-count

none\0\0

page-name\first-line-number\head-count\foot-count\last-line-number

112\1\0\3\69 113\171\0\3\139 114\141\0\3\209 115\211\0\3\279 116\281\0\3\349 117\351\0\3\419
118\421\0\3\489 119\491\0\3\559 120\561\0\3\629 121\631\0\3\699 122\701\0\3\769 123\771\0\3\839
124\841\0\3\909 125\911\0\3\979 126\981\0\3\1049 127\1051\0\3\1119 128\1121\0\3\1189 129\1191\0\3\1259
130\1261\0\3\1329 131\1331\0\3\1399 132\1401\0\3\1469 133\1471\0\3\1539 134\1541\0\3\1609 135\1611\0\3\1679
136\1681\0\3\1749 137\1751\0\3\1819 138\1821\0\3\1889 139\1891\0\3\1959 140\1961\0\3\2029 141\2031\0\3\2099
142\2101\0\3\2169 143\2171\0\3\2239 144\2241\0\3\2309 145\2311\0\3\2379 146\2381\0\3\2449 147\2451\0\3\2519
148\2521\0\3\2589 149\2651\0\3\2659 150\2781\0\3\2729 151\2811\0\3\2799 152\2901\0\3\2869 153\2971\0\3\2939
154\2991\0\3\3009 155\3011\0\3\3079 156\3081\0\3\3149 157\3151\0\3\3219 158\3221\0\3\3289 159\3291\0\3\3359
160\3361\0\3\3429 161\3431\0\3\3499 162\3501\0\3\3569 163\3571\0\3\3639 164\3641\0\3\3709 165\3711\0\3\3779
166\3781\0\3\3849 167\3951\0\3\3919 168\3981\0\3\3989 169\3991\0\3\4059 170\4061\0\3\4129 171\4131\0\3\4199
172\4201\0\3\4269 173\4271\0\3\4339 174\4341\0\3\4409 175\4411\0\3\4479 176\4481\0\3\4549 177\4551\0\3\4619
178\4621\0\3\4689 179\4691\0\3\4759 180\4761\0\3\4829 181\4831\0\3\4899 182\4901\0\3\4969 183\4971\0\3\5039
184\5041\0\3\5109 185\5111\0\3\5179 186\5181\0\3\5249 187\5251\0\3\5319 188\5321\0\3\5389 189\5391\0\3\5459
190\5461\0\3\5529 191\5531\0\3\5599 192\5601\0\3\5669 193\5671\0\3\5739 194\5741\0\3\5809 195\5811\0\3\5879
196\5881\0\3\5949 197\5951\0\3\6019 198\6021\0\3\6089 199\6091\0\3\6159 200\6161\0\3\6229 201\6231\0\3\6299
202\6301\0\3\6369 203\6371\0\3\6439 204\6441\0\3\6509 205\6511\0\3\6579 206\6581\0\3\6649 207\6651\0\3\6719
208\6721\0\3\6789 209\6791\0\3\6859 210\6861\0\3\6929 211\6931\0\3\6999 212\7001\0\3\7069 213\7071\0\3\7139
214\7141\0\3\7209 215\7211\0\3\7279 216\7281\0\3\7349 217\7351\0\3\7419

```

c
c
c
se = 100. a = 0.1 l = 1 n = 1 root = 4.5205083610206e+00
se = 100. a = 0.1 l = 1 n = 2 root = 7.8429683249898e+00
se = 100. a = 0.1 l = 1 n = 3 root = 1.1176203057588e+01
se = 100. a = 0.1 l = 1 n = 4 root = 1.4547988107677e+01
se = 100. a = 0.1 l = 1 n = 5 root = 1.7947795091209e+01
se = 100. a = 0.1 l = 1 n = 6 root = 2.1368232507956e+01
se = 100. a = 0.1 l = 1 n = 7 root = 2.4800809904981e+01
se = 100. a = 0.1 l = 1 n = 8 root = 2.8294098715338e+01
se = 100. a = 0.1 l = 1 n = 9 root = 3.171022919632e+01
se = 100. a = 0.1 l = 1 n = 10 root = 3.511252743394e+01
se = 100. a = 0.1 l = 1 n = 11 root = 3.8539457306247e+01
se = 100. a = 0.1 l = 1 n = 12 root = 4.2110065047977e+01
se = 100. a = 0.1 l = 1 n = 13 root = 4.5653941263773e+01
se = 100. a = 0.1 l = 1 n = 14 root = 4.9039329941739e+01
se = 100. a = 0.1 l = 1 n = 15 root = 5.2537000520594e+01
se = 100. a = 0.1 l = 1 n = 16 root = 5.6016225153304e+01
se = 100. a = 0.1 l = 1 n = 17 root = 5.9496739447966e+01
se = 100. a = 0.1 l = 1 n = 18 root = 6.2978941536776e+01
se = 100. a = 0.1 l = 1 n = 19 root = 6.6462688138769e+01
se = 100. a = 0.1 l = 1 n = 20 root = 6.9944185145066e+01
se = 100. a = 0.1 l = 1 n = 21 root = 7.3428183630349e+01
se = 100. a = 0.1 l = 1 n = 22 root = 7.6912773943304e+01
se = 100. a = 0.1 l = 1 n = 23 root = 8.039765359439e+01
se = 100. a = 0.1 l = 1 n = 24 root = 8.3883440707460e+01
se = 100. a = 0.1 l = 1 n = 25 root = 8.7369401769533e+01
se = 100. a = 0.1 l = 1 n = 26 root = 9.085711833063e+01
se = 100. a = 0.1 l = 1 n = 27 root = 9.4342351692453e+01
se = 100. a = 0.1 l = 1 n = 28 root = 9.782936862459e+01
se = 100. a = 0.1 l = 1 n = 29 root = 1.013184014956e+02
se = 100. a = 0.1 l = 1 n = 30 root = 1.0480394139797e+02

c
c
c
se = 100. a = 0.1 l = 2 n = 1 root = 5.764750694120e+00
se = 100. a = 0.1 l = 2 n = 2 root = 9.1061300322696e+00
se = 100. a = 0.1 l = 2 n = 3 root = 1.2388662529470e+01
se = 100. a = 0.1 l = 2 n = 4 root = 1.562369713251e+01
se = 100. a = 0.1 l = 2 n = 5 root = 1.8903939490366e+01
se = 100. a = 0.1 l = 2 n = 6 root = 2.211943426780e+01
se = 100. a = 0.1 l = 2 n = 7 root = 2.5563024761802e+01
se = 100. a = 0.1 l = 2 n = 8 root = 2.893284729492e+01
se = 100. a = 0.1 l = 2 n = 9 root = 3.232231439468e+01
se = 100. a = 0.1 l = 2 n = 10 root = 3.5729009629744e+01
se = 100. a = 0.1 l = 2 n = 11 root = 3.9148819010672e+01
se = 100. a = 0.1 l = 2 n = 12 root = 4.2579370373195e+01
se = 100. a = 0.1 l = 2 n = 13 root = 4.6018530612974e+01
se = 100. a = 0.1 l = 2 n = 14 root = 4.9464109424518e+01
se = 100. a = 0.1 l = 2 n = 15 root = 5.2915520501774e+01
se = 100. a = 0.1 l = 2 n = 16 root = 5.637188839045e+01
se = 100. a = 0.1 l = 2 n = 17 root = 5.9831881239257e+01
se = 100. a = 0.1 l = 2 n = 18 root = 6.329498427390e+01
se = 100. a = 0.1 l = 2 n = 19 root = 6.676107326796e+01
se = 100. a = 0.1 l = 2 n = 20 root = 7.0229593307780e+01
se = 100. a = 0.1 l = 2 n = 21 root = 7.3700120477157e+01
se = 100. a = 0.1 l = 2 n = 22 root = 7.7172463786659e+01
se = 100. a = 0.1 l = 2 n = 23 root = 8.0646371433391e+01
se = 100. a = 0.1 l = 2 n = 24 root = 8.4121862368293e+01
se = 100. a = 0.1 l = 2 n = 25 root = 8.759814633994e+01
se = 100. a = 0.1 l = 2 n = 26 root = 9.1075715130529e+01
se = 100. a = 0.1 l = 2 n = 27 root = 9.4554242408941e+01
se = 100. a = 0.1 l = 2 n = 28 root = 9.803389894958e+01
se = 100. a = 0.1 l = 2 n = 29 root = 1.015137812805e+02
se = 100. a = 0.1 l = 2 n = 30 root = 1.046942581280e+02

```

```

c
c
**= 100. a# 0.1 i# 3 n# 1 root = 6.9870815739303e+00
**= 100. a# 0.1 i# 3 n# 2 root = 1.0417024957911e+01
**= 100. a# 0.1 i# 3 n# 3 root = 1.3702197812720e+01
**= 100. a# 0.1 i# 3 n# 4 root = 1.8230008857167e+01
**= 100. a# 0.1 i# 3 n# 5 root = 2.016404002925e+01
**= 100. a# 0.1 i# 3 n# 6 root = 2.3387021211075e+01
**= 100. a# 0.1 i# 3 n# 7 root = 2.6949669593034e+01
**= 100. a# 0.1 i# 3 n# 8 root = 2.939927311738e+01
**= 100. a# 0.1 i# 3 n# 9 root = 3.3234083550252e+01
**= 100. a# 0.1 i# 3 n# 10 root = 3.694616030088e+01
**= 100. a# 0.1 i# 3 n# 11 root = 3.951125395735e+01
**= 100. a# 0.1 i# 3 n# 12 root = 4.328762991417e+01
**= 100. a# 0.1 i# 3 n# 13 root = 4.6576168195057e+01
**= 100. a# 0.1 i# 3 n# 14 root = 5.076759472444e+01
**= 100. a# 0.1 i# 3 n# 15 root = 5.346949570725e+01
**= 100. a# 0.1 i# 3 n# 16 root = 5.690946816323e+01
**= 100. a# 0.1 i# 3 n# 17 root = 6.033824907791e+01
**= 100. a# 0.1 i# 3 n# 18 root = 6.377384389460e+01
**= 100. a# 0.1 i# 3 n# 19 root = 6.721468297539e+01
**= 100. a# 0.1 i# 3 n# 20 root = 7.066035329981e+01
**= 100. a# 0.1 i# 3 n# 21 root = 7.41102794399e+01
**= 100. a# 0.1 i# 3 n# 22 root = 7.759431424040e+01
**= 100. a# 0.1 i# 3 n# 23 root = 8.102117592732e+01
**= 100. a# 0.1 i# 3 n# 24 root = 8.448022219130e+01
**= 100. a# 0.1 i# 3 n# 25 root = 8.794292578298e+01
**= 100. a# 0.1 i# 3 n# 26 root = 9.1407008119230e+01
**= 100. a# 0.1 i# 3 n# 27 root = 9.4877931062075e+01
**= 100. a# 0.1 i# 3 n# 28 root = 9.839438903003e+01
**= 100. a# 0.1 i# 3 n# 29 root = 1.0181090461433e+02
**= 100. a# 0.1 i# 3 n# 30 root = 1.0528182799512e+02
c
c
**= 100. a# 0.1 i# 4 n# 1 root = 8.1825630610176e+00
**= 100. a# 0.1 i# 4 n# 2 root = 1.170494259375e+01
**= 100. a# 0.1 i# 4 n# 3 root = 1.5039994077635e+01
**= 100. a# 0.1 i# 4 n# 4 root = 1.8202779197465e+01
**= 100. a# 0.1 i# 4 n# 5 root = 2.1530977138168e+01
**= 100. a# 0.1 i# 4 n# 6 root = 2.479490539435e+01
**= 100. a# 0.1 i# 4 n# 7 root = 2.785370285115e+01
**= 100. a# 0.1 i# 4 n# 8 root = 3.1171047070352e+01
**= 100. a# 0.1 i# 4 n# 9 root = 3.4404537591806e+01
**= 100. a# 0.1 i# 4 n# 10 root = 3.769998919077e+01
**= 100. a# 0.1 i# 4 n# 11 root = 4.093833815168e+01
**= 100. a# 0.1 i# 4 n# 12 root = 4.423745132939e+01
**= 100. a# 0.1 i# 4 n# 13 root = 4.759933912381e+01
**= 100. a# 0.1 i# 4 n# 14 root = 5.091086329459e+01
**= 100. a# 0.1 i# 4 n# 15 root = 5.428091916934e+01
**= 100. a# 0.1 i# 4 n# 16 root = 5.763448281121e+01
**= 100. a# 0.1 i# 4 n# 17 root = 6.1021316761981e+01
**= 100. a# 0.1 i# 4 n# 18 root = 6.4418894749512e+01
**= 100. a# 0.1 i# 4 n# 19 root = 6.7825761362023e+01
**= 100. a# 0.1 i# 4 n# 20 root = 7.124688010509e+01
**= 100. a# 0.1 i# 4 n# 21 root = 7.468381188394e+01
**= 100. a# 0.1 i# 4 n# 22 root = 7.8091286033229e+01
**= 100. a# 0.1 i# 4 n# 23 root = 8.1524999518885e+01
**= 100. a# 0.1 i# 4 n# 24 root = 8.4985830817248e+01
**= 100. a# 0.1 i# 4 n# 25 root = 8.8469881094635e+01
**= 100. a# 0.1 i# 4 n# 26 root = 9.1882122901846e+01
**= 100. a# 0.1 i# 4 n# 27 root = 9.5301653002221e+01
**= 100. a# 0.1 i# 4 n# 28 root = 9.8794123361459e+01
**= 100. a# 0.1 i# 4 n# 29 root = 1.0228923150210e+02
**= 100. a# 0.1 i# 4 n# 30 root = 1.0588671471439e+02

```

c
c
c

```
se = 100. a = 0.1 i = 5 n = 1 root = 9.369121601191e+00
se = 100. a = 0.1 i = 5 n = 2 root = 1.2992031708239e+01
se = 100. a = 0.1 i = 5 n = 3 root = 1.6394771193257e+01
se = 100. a = 0.1 i = 5 n = 4 root = 1.965266921097e+01
se = 100. a = 0.1 i = 5 n = 5 root = 2.290939899278e+01
se = 100. a = 0.1 i = 5 n = 6 root = 2.612773390025e+01
se = 100. a = 0.1 i = 5 n = 7 root = 2.933940120099e+01
se = 100. a = 0.1 i = 5 n = 8 root = 3.2539477947951e+01
se = 100. a = 0.1 i = 5 n = 9 root = 3.574003029126e+01
se = 100. a = 0.1 i = 5 n = 10 root = 3.89470294351e+01
se = 100. a = 0.1 i = 5 n = 11 root = 4.216337792900e+01
se = 100. a = 0.1 i = 5 n = 12 root = 4.540316136891e+01
se = 100. a = 0.1 i = 5 n = 13 root = 4.86593372029e+01
se = 100. a = 0.1 i = 5 n = 14 root = 5.19369233672e+01
se = 100. a = 0.1 i = 5 n = 15 root = 5.5234639319076e+01
se = 100. a = 0.1 i = 5 n = 16 root = 5.85518948252e+01
se = 100. a = 0.1 i = 5 n = 17 root = 6.1895941366311e+01
se = 100. a = 0.1 i = 5 n = 18 root = 6.52699873529e+01
se = 100. a = 0.1 i = 5 n = 19 root = 6.8669201177019e+01
se = 100. a = 0.1 i = 5 n = 20 root = 7.1979436321089e+01
se = 100. a = 0.1 i = 5 n = 21 root = 7.531892344690e+01
se = 100. a = 0.1 i = 5 n = 22 root = 7.879292161121e+01
se = 100. a = 0.1 i = 5 n = 23 root = 8.214469311999e+01
se = 100. a = 0.1 i = 5 n = 24 root = 8.557299061109e+01
se = 100. a = 0.1 i = 5 n = 25 root = 8.89809931223e+01
se = 100. a = 0.1 i = 5 n = 26 root = 9.241322713652e+01
se = 100. a = 0.1 i = 5 n = 27 root = 9.5841409424632e+01
se = 100. a = 0.1 i = 5 n = 28 root = 9.9274094979419e+01
se = 100. a = 0.1 i = 5 n = 29 root = 1.0271080167955e+02
se = 100. a = 0.1 i = 5 n = 30 root = 1.0615115164843e+02
```

c
c
c

```
se = 100. a = 0.1 i = 6 n = 1 root = 1.0512839409467e+01
se = 100. a = 0.1 i = 6 n = 2 root = 1.4277362518636e+01
se = 100. a = 0.1 i = 6 n = 3 root = 1.764757579470e+01
se = 100. a = 0.1 i = 6 n = 4 root = 2.058947039105e+01
se = 100. a = 0.1 i = 6 n = 5 root = 2.3540912173772e+01
se = 100. a = 0.1 i = 6 n = 6 root = 2.59809419339e+01
se = 100. a = 0.1 i = 6 n = 7 root = 2.8731065150539e+01
se = 100. a = 0.1 i = 6 n = 8 root = 3.169246312159e+01
se = 100. a = 0.1 i = 6 n = 9 root = 3.4177939113359e+01
se = 100. a = 0.1 i = 6 n = 10 root = 3.6331950439395e+01
se = 100. a = 0.1 i = 6 n = 11 root = 3.826123372497e+01
se = 100. a = 0.1 i = 6 n = 12 root = 4.07298999493e+01
se = 100. a = 0.1 i = 6 n = 13 root = 4.309429494574e+01
se = 100. a = 0.1 i = 6 n = 14 root = 4.5157151069857e+01
se = 100. a = 0.1 i = 6 n = 15 root = 4.696903831836e+01
se = 100. a = 0.1 i = 6 n = 16 root = 4.8625172184116e+01
se = 100. a = 0.1 i = 6 n = 17 root = 5.013234693233e+01
se = 100. a = 0.1 i = 6 n = 18 root = 5.1627912029932e+01
se = 100. a = 0.1 i = 6 n = 19 root = 5.304700929260e+01
se = 100. a = 0.1 i = 6 n = 20 root = 5.438993989477e+01
se = 100. a = 0.1 i = 6 n = 21 root = 5.5679412029932e+01
se = 100. a = 0.1 i = 6 n = 22 root = 5.6936313094919e+01
se = 100. a = 0.1 i = 6 n = 23 root = 5.8169318299415e+01
se = 100. a = 0.1 i = 6 n = 24 root = 5.9313099514990e+01
se = 100. a = 0.1 i = 6 n = 25 root = 6.04898320001e+01
se = 100. a = 0.1 i = 6 n = 26 root = 6.160429430533e+01
se = 100. a = 0.1 i = 6 n = 27 root = 6.266907426957e+01
se = 100. a = 0.1 i = 6 n = 28 root = 6.3699341620187e+01
se = 100. a = 0.1 i = 6 n = 29 root = 6.4699499429e+02
se = 100. a = 0.1 i = 6 n = 30 root = 6.567392942881e+02
```

c
c

se = 100. a = 0.1 i = 7 n = 1 root = 1.165703219295e+01
se = 100. a = 0.1 i = 7 n = 2 root = 1.5931289212428e+01
se = 100. a = 0.1 i = 7 n = 3 root = 1.852295239500e+01
se = 100. a = 0.1 i = 7 n = 4 root = 2.229534945050e+01
se = 100. a = 0.1 i = 7 n = 5 root = 2.590299501076e+01
se = 100. a = 0.1 i = 7 n = 6 root = 2.867039653183e+01
se = 100. a = 0.1 i = 7 n = 7 root = 3.2111229580320e+01
se = 100. a = 0.1 i = 7 n = 8 root = 3.533344349770e+01
se = 100. a = 0.1 i = 7 n = 9 root = 3.8594130146233e+01
se = 100. a = 0.1 i = 7 n = 10 root = 4.1741193217320e+01
se = 100. a = 0.1 i = 7 n = 11 root = 4.483337019439e+01
se = 100. a = 0.1 i = 7 n = 12 root = 4.8122940463115e+01
se = 100. a = 0.1 i = 7 n = 13 root = 5.131227423235e+01
se = 100. a = 0.1 i = 7 n = 14 root = 5.450913736674e+01
se = 100. a = 0.1 i = 7 n = 15 root = 5.770529451347e+01
se = 100. a = 0.1 i = 7 n = 16 root = 6.091945779210e+01
se = 100. a = 0.1 i = 7 n = 17 root = 6.414468888946e+01
se = 100. a = 0.1 i = 7 n = 18 root = 6.738751975751e+01
se = 100. a = 0.1 i = 7 n = 19 root = 7.06478983232e+01
se = 100. a = 0.1 i = 7 n = 20 root = 7.392472290920e+01
se = 100. a = 0.1 i = 7 n = 21 root = 7.721850188709e+01
se = 100. a = 0.1 i = 7 n = 22 root = 8.052816915040e+01
se = 100. a = 0.1 i = 7 n = 23 root = 8.385633148187e+01
se = 100. a = 0.1 i = 7 n = 24 root = 8.7218925042761e+01
se = 100. a = 0.1 i = 7 n = 25 root = 9.0593948717231e+01
se = 100. a = 0.1 i = 7 n = 26 root = 9.399257575000e+01
se = 100. a = 0.1 i = 7 n = 27 root = 9.726957478997e+01
se = 100. a = 0.1 i = 7 n = 28 root = 1.009489990675e+02
se = 100. a = 0.1 i = 7 n = 29 root = 1.042865351688e+02
se = 100. a = 0.1 i = 7 n = 30 root = 1.0742952716736e+02

c
c

se = 100. a = 0.1 i = 8 n = 1 root = 1.2790781711973e+01
se = 100. a = 0.1 i = 8 n = 2 root = 1.691100288195e+01
se = 100. a = 0.1 i = 8 n = 3 root = 2.018247076338e+01
se = 100. a = 0.1 i = 8 n = 4 root = 2.359127464019e+01
se = 100. a = 0.1 i = 8 n = 5 root = 2.693704036717e+01
se = 100. a = 0.1 i = 8 n = 6 root = 3.021725355139e+01
se = 100. a = 0.1 i = 8 n = 7 root = 3.347680675232e+01
se = 100. a = 0.1 i = 8 n = 8 root = 3.671453300435e+01
se = 100. a = 0.1 i = 8 n = 9 root = 3.993821925504e+01
se = 100. a = 0.1 i = 8 n = 10 root = 4.314570078018e+01
se = 100. a = 0.1 i = 8 n = 11 root = 4.634937700229e+01
se = 100. a = 0.1 i = 8 n = 12 root = 4.953969575235e+01
se = 100. a = 0.1 i = 8 n = 13 root = 5.272740167137e+01
se = 100. a = 0.1 i = 8 n = 14 root = 5.5913128481063e+01
se = 100. a = 0.1 i = 8 n = 15 root = 5.909780032800e+01
se = 100. a = 0.1 i = 8 n = 16 root = 6.228763236101e+01
se = 100. a = 0.1 i = 8 n = 17 root = 6.548179434970e+01
se = 100. a = 0.1 i = 8 n = 18 root = 6.868393218805e+01
se = 100. a = 0.1 i = 8 n = 19 root = 7.190591205304e+01
se = 100. a = 0.1 i = 8 n = 20 root = 7.5130712691955e+01
se = 100. a = 0.1 i = 8 n = 21 root = 7.837262288761e+01
se = 100. a = 0.1 i = 8 n = 22 root = 8.163762070036e+01
se = 100. a = 0.1 i = 8 n = 23 root = 8.491446815197e+01
se = 100. a = 0.1 i = 8 n = 24 root = 8.820718307789e+01
se = 100. a = 0.1 i = 8 n = 25 root = 9.151431201036e+01
se = 100. a = 0.1 i = 8 n = 26 root = 9.4834937331103e+01
se = 100. a = 0.1 i = 8 n = 27 root = 9.8168014402700e+01
se = 100. a = 0.1 i = 8 n = 28 root = 1.0151233311747e+02
se = 100. a = 0.1 i = 8 n = 29 root = 1.048886346575e+02
se = 100. a = 0.1 i = 8 n = 30 root = 1.082308637005e+02

c
c

56 = 100. a = 0.1 i = 9 n = 1
56 = 100. a = 0.1 i = 9 n = 2
56 = 100. a = 0.1 i = 9 n = 3
56 = 100. a = 0.1 i = 9 n = 4
56 = 100. a = 0.1 i = 9 n = 5
56 = 100. a = 0.1 i = 9 n = 6
56 = 100. a = 0.1 i = 9 n = 7
56 = 100. a = 0.1 i = 9 n = 8
56 = 100. a = 0.1 i = 9 n = 9
56 = 100. a = 0.1 i = 9 n = 10
56 = 100. a = 0.1 i = 9 n = 11
56 = 100. a = 0.1 i = 9 n = 12
56 = 100. a = 0.1 i = 9 n = 13
56 = 100. a = 0.1 i = 9 n = 14
56 = 100. a = 0.1 i = 9 n = 15
56 = 100. a = 0.1 i = 9 n = 16
56 = 100. a = 0.1 i = 9 n = 17
56 = 100. a = 0.1 i = 9 n = 18
56 = 100. a = 0.1 i = 9 n = 19
56 = 100. a = 0.1 i = 9 n = 20
56 = 100. a = 0.1 i = 9 n = 21
56 = 100. a = 0.1 i = 9 n = 22
56 = 100. a = 0.1 i = 9 n = 23
56 = 100. a = 0.1 i = 9 n = 24
56 = 100. a = 0.1 i = 9 n = 25
56 = 100. a = 0.1 i = 9 n = 26
56 = 100. a = 0.1 i = 9 n = 27
56 = 100. a = 0.1 i = 9 n = 28
56 = 100. a = 0.1 i = 9 n = 29
56 = 100. a = 0.1 i = 9 n = 30

root = 1.3919822610505e+01
root = 1.7838943198208e+01
root = 2.142946976218e+01
root = 2.46773113824503e+01
root = 2.8237139370528e+01
root = 3.192018940940e+01
root = 3.462383838391e+01
root = 3.8082481230698e+01
root = 4.1317879419119e+01
root = 4.4536175599491e+01
root = 4.7749444029474e+01
root = 5.095995210409e+01
root = 5.4149498809531e+01
root = 5.7334942635379e+01
root = 6.051930388791e+01
root = 6.370294980987e+01
root = 6.6887116273311e+01
root = 7.007051518899e+01
root = 7.325946761022e+01
root = 7.645274624094e+01
root = 7.963519104195e+01
root = 8.2808471889443e+01
root = 8.611521556511e+01
root = 8.938299480205e+01
root = 9.2652822352231e+01
root = 9.5928500101435e+01
root = 9.9194261146123e+01
root = 1.0243940701518e+02
root = 1.0591711888408e+02
root = 1.0914943838878e+02

c
c

56 = 100. a = 0.1 i = 10 n = 1
56 = 100. a = 0.1 i = 10 n = 2
56 = 100. a = 0.1 i = 10 n = 3
56 = 100. a = 0.1 i = 10 n = 4
56 = 100. a = 0.1 i = 10 n = 5
56 = 100. a = 0.1 i = 10 n = 6
56 = 100. a = 0.1 i = 10 n = 7
56 = 100. a = 0.1 i = 10 n = 8
56 = 100. a = 0.1 i = 10 n = 9
56 = 100. a = 0.1 i = 10 n = 10
56 = 100. a = 0.1 i = 10 n = 11
56 = 100. a = 0.1 i = 10 n = 12
56 = 100. a = 0.1 i = 10 n = 13
56 = 100. a = 0.1 i = 10 n = 14
56 = 100. a = 0.1 i = 10 n = 15
56 = 100. a = 0.1 i = 10 n = 16
56 = 100. a = 0.1 i = 10 n = 17
56 = 100. a = 0.1 i = 10 n = 18
56 = 100. a = 0.1 i = 10 n = 19
56 = 100. a = 0.1 i = 10 n = 20
56 = 100. a = 0.1 i = 10 n = 21
56 = 100. a = 0.1 i = 10 n = 22
56 = 100. a = 0.1 i = 10 n = 23
56 = 100. a = 0.1 i = 10 n = 24
56 = 100. a = 0.1 i = 10 n = 25
56 = 100. a = 0.1 i = 10 n = 26
56 = 100. a = 0.1 i = 10 n = 27
56 = 100. a = 0.1 i = 10 n = 28
56 = 100. a = 0.1 i = 10 n = 29
56 = 100. a = 0.1 i = 10 n = 30

root = 1.5033469303743e+01
root = 1.9025953636128e+01
root = 2.382720868139e+01
root = 2.614276794342e+01
root = 2.9534631108391e+01
root = 3.287059403531e+01
root = 3.618818718838e+01
root = 3.9438214697191e+01
root = 4.268783209494e+01
root = 4.582120448912e+01
root = 4.914225235727e+01
root = 5.2363198601333e+01
root = 5.5595571182529e+01
root = 5.8752020349576e+01
root = 6.194257995779e+01
root = 6.5128743742404e+01
root = 6.8311883462591e+01
root = 7.1497600632144e+01
root = 7.467307860889e+01
root = 7.782940408289e+01
root = 8.104033220880e+01
root = 8.4231612020331e+01
root = 8.7431150788774e+01
root = 9.0641110894893e+01
root = 9.3863224020893e+01
root = 9.708708291448e+01
root = 1.0034820832741e+02
root = 1.038184401247e+02
root = 1.088638677323e+02
root = 1.1101802828855e+02

```

c
c
se = 100. a = 0.1 i = 11 n = 1 root = 1.6144742942301e+01
se = 100. a = 0.1 i = 11 n = 2 root = 2.0233942623112e+01
se = 100. a = 0.1 i = 11 n = 3 root = 2.368530729386e+01
se = 100. a = 0.1 i = 11 n = 4 root = 2.7401239259888e+01
se = 100. a = 0.1 i = 11 n = 5 root = 3.0830794088478e+01
se = 100. a = 0.1 i = 11 n = 6 root = 3.417347483741e+01
se = 100. a = 0.1 i = 11 n = 7 root = 3.7498273637727e+01
se = 100. a = 0.1 i = 11 n = 8 root = 4.0782747110026e+01
se = 100. a = 0.1 i = 11 n = 9 root = 4.4048462272472e+01
se = 100. a = 0.1 i = 11 n = 10 root = 4.7232455880209e+01
se = 100. a = 0.1 i = 11 n = 11 root = 5.0249490813253e+01
se = 100. a = 0.1 i = 11 n = 12 root = 5.3142345718274e+01
se = 100. a = 0.1 i = 11 n = 13 root = 5.5929916738333e+01
se = 100. a = 0.1 i = 11 n = 14 root = 5.8610821262940e+01
se = 100. a = 0.1 i = 11 n = 15 root = 6.1336032394142e+01
se = 100. a = 0.1 i = 11 n = 16 root = 6.399091449351e+01
se = 100. a = 0.1 i = 11 n = 17 root = 6.6737865311420e+01
se = 100. a = 0.1 i = 11 n = 18 root = 6.9281893821411e+01
se = 100. a = 0.1 i = 11 n = 19 root = 7.161833870268e+01
se = 100. a = 0.1 i = 11 n = 20 root = 7.3932199462082e+01
se = 100. a = 0.1 i = 11 n = 21 root = 7.643033338575e+01
se = 100. a = 0.1 i = 11 n = 22 root = 7.864033803389e+01
se = 100. a = 0.1 i = 11 n = 23 root = 8.0822485034221e+01
se = 100. a = 0.1 i = 11 n = 24 root = 8.2002926114321e+01
se = 100. a = 0.1 i = 11 n = 25 root = 8.3228250445383e+01
se = 100. a = 0.1 i = 11 n = 26 root = 8.4405322713301e+01
se = 100. a = 0.1 i = 11 n = 27 root = 8.5609590207771e+01
se = 100. a = 0.1 i = 11 n = 28 root = 1.0464344232184e+02
se = 100. a = 0.1 i = 11 n = 29 root = 1.000140576335e+02
se = 100. a = 0.1 i = 11 n = 30 root = 1.1133270395939e+02

c
c
se = 100. a = 0.1 i = 12 n = 1 root = 1.7250494781126e+01
se = 100. a = 0.1 i = 12 n = 2 root = 2.157387218183e+01
se = 100. a = 0.1 i = 12 n = 3 root = 2.510103621008e+01
se = 100. a = 0.1 i = 12 n = 4 root = 2.8849796261729e+01
se = 100. a = 0.1 i = 12 n = 5 root = 3.203867523388e+01
se = 100. a = 0.1 i = 12 n = 6 root = 3.5478013175191e+01
se = 100. a = 0.1 i = 12 n = 7 root = 3.8913666813274e+01
se = 100. a = 0.1 i = 12 n = 8 root = 4.211695633333e+01
se = 100. a = 0.1 i = 12 n = 9 root = 4.532602844373e+01
se = 100. a = 0.1 i = 12 n = 10 root = 4.8653704134267e+01
se = 100. a = 0.1 i = 12 n = 11 root = 5.1887017622627e+01
se = 100. a = 0.1 i = 12 n = 12 root = 5.5127878377881e+01
se = 100. a = 0.1 i = 12 n = 13 root = 5.8348459300216e+01
se = 100. a = 0.1 i = 12 n = 14 root = 6.15604590207771e+01
se = 100. a = 0.1 i = 12 n = 15 root = 6.479468811794e+01
se = 100. a = 0.1 i = 12 n = 16 root = 6.792479368850e+01
se = 100. a = 0.1 i = 12 n = 17 root = 7.115784058489e+01
se = 100. a = 0.1 i = 12 n = 18 root = 7.434682740288e+01
se = 100. a = 0.1 i = 12 n = 19 root = 7.7521191306314e+01
se = 100. a = 0.1 i = 12 n = 20 root = 8.0714267787412e+01
se = 100. a = 0.1 i = 12 n = 21 root = 8.3836350232711e+01
se = 100. a = 0.1 i = 12 n = 22 root = 8.707176362363e+01
se = 100. a = 0.1 i = 12 n = 23 root = 9.0246831233147e+01
se = 100. a = 0.1 i = 12 n = 24 root = 9.3462836131833e+01
se = 100. a = 0.1 i = 12 n = 25 root = 9.660088757334e+01
se = 100. a = 0.1 i = 12 n = 26 root = 9.978592036389e+01
se = 100. a = 0.1 i = 12 n = 27 root = 1.0297785836836e+02
se = 100. a = 0.1 i = 12 n = 28 root = 1.0617410278488e+02
se = 100. a = 0.1 i = 12 n = 29 root = 1.093784462538e+02
se = 100. a = 0.1 i = 12 n = 30 root = 1.1258246200817e+02

```



```

c
c
c
** 100. a 0.1 13 n 1 root = 1.8351261499947e+01
** 100. a 0.1 13 n 2 root = 2.2326617071120e+01
** 100. a 0.1 13 n 3 root = 2.6377181951217e+01
** 100. a 0.1 13 n 4 root = 2.9989316321005e+01
** 100. a 0.1 13 n 5 root = 3.3333191239019e+01
** 100. a 0.1 13 n 6 root = 3.6767017939514e+01
** 100. a 0.1 13 n 7 root = 4.012812e+126932e+01
** 100. a 0.1 13 n 8 root = 4.3441622375330e+01
** 100. a 0.1 13 n 9 root = 4.6794130652052e+01
** 100. a 0.1 13 n 10 root = 5.009299702779e+01
** 100. a 0.1 13 n 11 root = 5.3262953300431e+01
** 100. a 0.1 13 n 12 root = 5.6501371362962e+01
** 100. a 0.1 13 n 13 root = 5.9731217199950e+01
** 100. a 0.1 13 n 14 root = 6.2951881184102e+01
** 100. a 0.1 13 n 15 root = 6.6164216851159e+01
** 100. a 0.1 13 n 16 root = 6.9369394531395e+01
** 100. a 0.1 13 n 17 root = 7.256695343662e+01
** 100. a 0.1 13 n 18 root = 7.5764675162873e+01
** 100. a 0.1 13 n 19 root = 7.895911624671e+01
** 100. a 0.1 13 n 20 root = 8.2142143632697e+01
** 100. a 0.1 13 n 21 root = 8.5323576997320e+01
** 100. a 0.1 13 n 22 root = 8.850320511574e+01
** 100. a 0.1 13 n 23 root = 9.1684619422511e+01
** 100. a 0.1 13 n 24 root = 9.4861390414872e+01
** 100. a 0.1 13 n 25 root = 9.8037522206115e+01
** 100. a 0.1 13 n 26 root = 1.0121233999572e+02
** 100. a 0.1 13 n 27 root = 1.0439081172e26e+02
** 100. a 0.1 13 n 28 root = 1.0757104463262e+02
** 100. a 0.1 13 n 29 root = 1.1075573606294e+02
** 100. a 0.1 13 n 30 root = 1.139466745912e+02

c
c
** 100. a 0.1 14 n 1 root = 1.9447703108095e+01
** 100. a 0.1 14 n 2 root = 2.332330370171e+01
** 100. a 0.1 14 n 3 root = 2.7505763080945e+01
** 100. a 0.1 14 n 4 root = 3.1120521413904e+01
** 100. a 0.1 14 n 5 root = 3.4621122700067e+01
** 100. a 0.1 14 n 6 root = 3.80472445899104e+01
** 100. a 0.1 14 n 7 root = 4.1421359912461e+01
** 100. a 0.1 14 n 8 root = 4.475742179933e+01
** 100. a 0.1 14 n 9 root = 4.809435001355e+01
** 100. a 0.1 14 n 10 root = 5.1348761965057e+01
** 100. a 0.1 14 n 11 root = 5.4614948114877e+01
** 100. a 0.1 14 n 12 root = 5.7883394513101e+01
** 100. a 0.1 14 n 13 root = 6.1109571899787e+01
** 100. a 0.1 14 n 14 root = 6.4334961394634e+01
** 100. a 0.1 14 n 15 root = 6.7549494380757e+01
** 100. a 0.1 14 n 16 root = 7.076781222394e+01
** 100. a 0.1 14 n 17 root = 7.397439309307e+01
** 100. a 0.1 14 n 18 root = 7.7176322711324e+01
** 100. a 0.1 14 n 19 root = 8.0371520075376e+01
** 100. a 0.1 14 n 20 root = 8.3563418888195e+01
** 100. a 0.1 14 n 21 root = 8.675156303292e+01
** 100. a 0.1 14 n 22 root = 8.993338610294e+01
** 100. a 0.1 14 n 23 root = 9.311833690259e+01
** 100. a 0.1 14 n 24 root = 9.6297784622014e+01
** 100. a 0.1 14 n 25 root = 9.945176119574e+01
** 100. a 0.1 14 n 26 root = 1.0260102889180e+02
** 100. a 0.1 14 n 27 root = 1.0582960637634e+02
** 100. a 0.1 14 n 28 root = 1.090007788826e+02
** 100. a 0.1 14 n 29 root = 1.121764928829e+02
** 100. a 0.1 14 n 30 root = 1.1539433011022e+02

```

```

c
c
se 100. a 0.1 i 15 n 1 root = 2.0940293829046e+01
se 100. a 0.1 i 15 n 2 root = 2.4694762577285e+01
se 100. a 0.1 i 15 n 3 root = 2.8697430593815e+01
se 100. a 0.1 i 15 n 4 root = 3.2944403636628e+01
se 100. a 0.1 i 15 n 5 root = 3.8371194402095e+01
se 100. a 0.1 i 15 n 6 root = 3.9319395767771e+01
se 100. a 0.1 i 15 n 7 root = 4.2712461971517e+01
se 100. a 0.1 i 15 n 8 root = 4.8094630939381e+01
se 100. a 0.1 i 15 n 9 root = 4.9389493783958e+01
se 100. a 0.1 i 15 n 10 root = 5.2683739094313e+01
se 100. a 0.1 i 15 n 11 root = 5.9861494257811e+01
se 100. a 0.1 i 15 n 12 root = 5.9223546331373e+01
se 100. a 0.1 i 15 n 13 root = 6.2470280939385e+01
se 100. a 0.1 i 15 n 14 root = 6.5709691478300e+01
se 100. a 0.1 i 15 n 15 root = 6.9337693264994e+01
se 100. a 0.1 i 15 n 16 root = 7.2158104993904e+01
se 100. a 0.1 i 15 n 17 root = 7.5371374981189e+01
se 100. a 0.1 i 15 n 18 root = 7.8978820457175e+01
se 100. a 0.1 i 15 n 19 root = 8.1780944764816e+01
se 100. a 0.1 i 15 n 20 root = 8.4977821190811e+01
se 100. a 0.1 i 15 n 21 root = 8.8170967389794e+01
se 100. a 0.1 i 15 n 22 root = 9.1369446514249e+01
se 100. a 0.1 i 15 n 23 root = 9.4946639427040e+01
se 100. a 0.1 i 15 n 24 root = 9.773931830115e+01
se 100. a 0.1 i 15 n 25 root = 1.0091020144977e+02
se 100. a 0.1 i 15 n 26 root = 1.0409905752030e+02
se 100. a 0.1 i 15 n 27 root = 1.0726962047827e+02
se 100. a 0.1 i 15 n 28 root = 1.104305457623e+02
se 100. a 0.1 i 15 n 29 root = 1.1361460525677e+02
se 100. a 0.1 i 15 n 30 root = 1.1678860729197e+02
c
c
se 100. a 0.2 i 1 n 1 root = 4.9810274638744e+00
se 100. a 0.2 i 1 n 2 root = 8.769362711250e+00
se 100. a 0.2 i 1 n 3 root = 1.2159469489451e+01
se 100. a 0.2 i 1 n 4 root = 1.6997210373049e+01
se 100. a 0.2 i 1 n 5 root = 1.266569215452e+01
se 100. a 0.2 i 1 n 6 root = 2.3736660211947e+01
se 100. a 0.2 i 1 n 7 root = 2.7696234262626e+01
se 100. a 0.2 i 1 n 8 root = 3.1625940132370e+01
se 100. a 0.2 i 1 n 9 root = 3.9470475914723e+01
se 100. a 0.2 i 1 n 10 root = 3.9303729468651e+01
se 100. a 0.2 i 1 n 11 root = 4.3294077320054e+01
se 100. a 0.2 i 1 n 12 root = 4.7218356763335e+01
se 100. a 0.2 i 1 n 13 root = 5.1136994026877e+01
se 100. a 0.2 i 1 n 14 root = 5.4095982788394e+01
se 100. a 0.2 i 1 n 15 root = 5.2876980016285e+01
se 100. a 0.2 i 1 n 16 root = 6.2898718081694e+01
se 100. a 0.2 i 1 n 17 root = 6.6821068701934e+01
se 100. a 0.2 i 1 n 18 root = 7.074392959415e+01
se 100. a 0.2 i 1 n 19 root = 7.4667221787694e+01
se 100. a 0.2 i 1 n 20 root = 7.8593081613749e+01
se 100. a 0.2 i 1 n 21 root = 8.2514858119434e+01
se 100. a 0.2 i 1 n 22 root = 8.6438104452820e+01
se 100. a 0.2 i 1 n 23 root = 9.036368510770e+01
se 100. a 0.2 i 1 n 24 root = 9.42892421825e+01
se 100. a 0.2 i 1 n 25 root = 9.82131838334e+01
se 100. a 0.2 i 1 n 26 root = 1.0213819842010e+02
se 100. a 0.2 i 1 n 27 root = 1.0606337898204e+02
se 100. a 0.2 i 1 n 28 root = 1.0998888822770e+02
se 100. a 0.2 i 1 n 29 root = 1.1391411588035e+02
se 100. a 0.2 i 1 n 30 root = 1.1783954940101e+02

```

```

c
c
c
se = 100. a = 0.2 i = 2 n = 1 root = 5.7382999163473e+00
se = 100. a = 0.2 i = 2 n = 2 root = 9.3061767786800e+00
se = 100. a = 0.2 i = 2 n = 3 root = 1.339497339475e+01
se = 100. a = 0.2 i = 2 n = 4 root = 1.89392705143373e+01
se = 100. a = 0.2 i = 2 n = 5 root = 2.0793298822416e+01
se = 100. a = 0.2 i = 2 n = 6 root = 2.4183327118230e+01
se = 100. a = 0.2 i = 2 n = 7 root = 2.8011369309226e+01
se = 100. a = 0.2 i = 2 n = 8 root = 3.1974337668099e+01
se = 100. a = 0.2 i = 2 n = 9 root = 3.575037920979e+01
se = 100. a = 0.2 i = 2 n = 10 root = 3.9535279135210e+01
se = 100. a = 0.2 i = 2 n = 11 root = 4.352927903460e+01
se = 100. a = 0.2 i = 2 n = 12 root = 4.7427880143853e+01
se = 100. a = 0.2 i = 2 n = 13 root = 5.1330500980619e+01
se = 100. a = 0.2 i = 2 n = 14 root = 5.5237195074937e+01
se = 100. a = 0.2 i = 2 n = 15 root = 5.9146210867222e+01
se = 100. a = 0.2 i = 2 n = 16 root = 6.3057446292871e+01
se = 100. a = 0.2 i = 2 n = 17 root = 6.6970517123141e+01
se = 100. a = 0.2 i = 2 n = 18 root = 7.0885120130951e+01
se = 100. a = 0.2 i = 2 n = 19 root = 7.4801010691280e+01
se = 100. a = 0.2 i = 2 n = 20 root = 7.8718014794707e+01
se = 100. a = 0.2 i = 2 n = 21 root = 8.2636966940510e+01
se = 100. a = 0.2 i = 2 n = 22 root = 8.6557420022356e+01
se = 100. a = 0.2 i = 2 n = 23 root = 9.0474153469162e+01
se = 100. a = 0.2 i = 2 n = 24 root = 9.4394290407939e+01
se = 100. a = 0.2 i = 2 n = 25 root = 9.831432029899e+01
se = 100. a = 0.2 i = 2 n = 26 root = 1.0223036676974e+02
se = 100. a = 0.2 i = 2 n = 27 root = 1.0615763345036e+02
se = 100. a = 0.2 i = 2 n = 28 root = 1.1007939442229e+02
se = 100. a = 0.2 i = 2 n = 29 root = 1.1401819456538e+02
se = 100. a = 0.2 i = 2 n = 30 root = 1.179249146752e+02

c
c
c
se = 100. a = 0.2 i = 3 n = 1 root = 6.9932002589635e+00
se = 100. a = 0.2 i = 3 n = 2 root = 1.0471399782763e+01
se = 100. a = 0.2 i = 3 n = 3 root = 1.3913295761214e+01
se = 100. a = 0.2 i = 3 n = 4 root = 1.7444766767189e+01
se = 100. a = 0.2 i = 3 n = 5 root = 2.1073931606414e+01
se = 100. a = 0.2 i = 3 n = 6 root = 2.4783374800071e+01
se = 100. a = 0.2 i = 3 n = 7 root = 2.8544851736995e+01
se = 100. a = 0.2 i = 3 n = 8 root = 3.2343633677951e+01
se = 100. a = 0.2 i = 3 n = 9 root = 3.6189709339271e+01
se = 100. a = 0.2 i = 3 n = 10 root = 4.0014741957189e+01
se = 100. a = 0.2 i = 3 n = 11 root = 4.3874147293099e+01
se = 100. a = 0.2 i = 3 n = 12 root = 4.7744529140225e+01
se = 100. a = 0.2 i = 3 n = 13 root = 5.1623379224082e+01
se = 100. a = 0.2 i = 3 n = 14 root = 5.5509003025317e+01
se = 100. a = 0.2 i = 3 n = 15 root = 5.9400057803329e+01
se = 100. a = 0.2 i = 3 n = 16 root = 6.3295946702881e+01
se = 100. a = 0.2 i = 3 n = 17 root = 6.7194700939796e+01
se = 100. a = 0.2 i = 3 n = 18 root = 7.1096817769274e+01
se = 100. a = 0.2 i = 3 n = 19 root = 7.5001700831601e+01
se = 100. a = 0.2 i = 3 n = 20 root = 7.8908762003004e+01
se = 100. a = 0.2 i = 3 n = 21 root = 8.2817632472991e+01
se = 100. a = 0.2 i = 3 n = 22 root = 8.6728194629494e+01
se = 100. a = 0.2 i = 3 n = 23 root = 9.0640109391205e+01
se = 100. a = 0.2 i = 3 n = 24 root = 9.4553311948524e+01
se = 100. a = 0.2 i = 3 n = 25 root = 9.8467612278421e+01
se = 100. a = 0.2 i = 3 n = 26 root = 1.0238388524038e+02
se = 100. a = 0.2 i = 3 n = 27 root = 1.0629802308877e+02
se = 100. a = 0.2 i = 3 n = 28 root = 1.1021833980929e+02
se = 100. a = 0.2 i = 3 n = 29 root = 1.1413533721328e+02
se = 100. a = 0.2 i = 3 n = 30 root = 1.1805178490237e+02

```

```

c
c
c
58 = 100. a a 0.2 1 a 4 n a 1 root = 8.183253660779e+00
59 = 100. a a 0.2 1 a 4 n a 2 root = 1.1718180780106e+01
60 = 100. a a 0.2 1 a 4 n a 3 root = 1.5105114452187e+01
61 = 100. a a 0.2 1 a 4 n a 4 root = 1.8514185047500e+01
62 = 100. a a 0.2 1 a 4 n a 5 root = 2.200663300899e+01
63 = 100. a a 0.2 1 a 4 n a 6 root = 2.5593627119233e+01
64 = 100. a a 0.2 1 a 4 n a 7 root = 2.929705666943e+01
65 = 100. a a 0.2 1 a 4 n a 8 root = 3.2988154153031e+01
66 = 100. a a 0.2 1 a 4 n a 9 root = 3.672759357426e+01
67 = 100. a a 0.2 1 a 4 n a 10 root = 4.051900262205e+01
68 = 100. a a 0.2 1 a 4 n a 11 root = 4.433309918094e+01
69 = 100. a a 0.2 1 a 4 n a 12 root = 4.816943614650e+01
70 = 100. a a 0.2 1 a 4 n a 13 root = 5.2011394287662e+01
71 = 100. a a 0.2 1 a 4 n a 14 root = 5.5871431294633e+01
72 = 100. a a 0.2 1 a 4 n a 15 root = 5.973950512790e+01
73 = 100. a a 0.2 1 a 4 n a 16 root = 6.361304782139e+01
74 = 100. a a 0.2 1 a 4 n a 17 root = 6.749339745032e+01
75 = 100. a a 0.2 1 a 4 n a 18 root = 7.137949107991e+01
76 = 100. a a 0.2 1 a 4 n a 19 root = 7.526933776613e+01
77 = 100. a a 0.2 1 a 4 n a 20 root = 7.916303617779e+01
78 = 100. a a 0.2 1 a 4 n a 21 root = 8.306969369361e+01
79 = 100. a a 0.2 1 a 4 n a 22 root = 8.698942493590e+01
80 = 100. a a 0.2 1 a 4 n a 23 root = 9.092135351035e+01
81 = 100. a a 0.2 1 a 4 n a 24 root = 9.476336087276e+01
82 = 100. a a 0.2 1 a 4 n a 25 root = 9.861136679409e+01
83 = 100. a a 0.2 1 a 4 n a 26 root = 1.023766776749e+02
84 = 100. a a 0.2 1 a 4 n a 27 root = 1.0604879563931e+02
85 = 100. a a 0.2 1 a 4 n a 28 root = 1.103774699999e+02
86 = 100. a a 0.2 1 a 4 n a 29 root = 1.143933937762e+02
87 = 100. a a 0.2 1 a 4 n a 30 root = 1.1822147495942e+02

c
c
c
88 = 100. a a 0.2 1 a 5 n a 1 root = 9.3959950079093e+00
89 = 100. a a 0.2 1 a 5 n a 2 root = 1.2588820380391e+01
90 = 100. a a 0.2 1 a 5 n a 3 root = 1.637103653536e+01
91 = 100. a a 0.2 1 a 5 n a 4 root = 1.9785116785280e+01
92 = 100. a a 0.2 1 a 5 n a 5 root = 2.3112487170698e+01
93 = 100. a a 0.2 1 a 5 n a 6 root = 2.6456294327103e+01
94 = 100. a a 0.2 1 a 5 n a 7 root = 3.0123357079436e+01
95 = 100. a a 0.2 1 a 5 n a 8 root = 3.3744494862070e+01
96 = 100. a a 0.2 1 a 5 n a 9 root = 3.742412233851e+01
97 = 100. a a 0.2 1 a 5 n a 10 root = 4.114878139512e+01
98 = 100. a a 0.2 1 a 5 n a 11 root = 4.4907361689321e+01
99 = 100. a a 0.2 1 a 5 n a 12 root = 4.8693351630008e+01
100 = 100. a a 0.2 1 a 5 n a 13 root = 5.250087874302e+01
101 = 100. a a 0.2 1 a 5 n a 14 root = 5.6324572694031e+01
102 = 100. a a 0.2 1 a 5 n a 15 root = 6.016474569223e+01
103 = 100. a a 0.2 1 a 5 n a 16 root = 6.401027351463e+01
104 = 100. a a 0.2 1 a 5 n a 17 root = 6.785742501302e+01
105 = 100. a a 0.2 1 a 5 n a 18 root = 7.1723472615705e+01
106 = 100. a a 0.2 1 a 5 n a 19 root = 7.563389127084e+01
107 = 100. a a 0.2 1 a 5 n a 20 root = 7.946094691634e+01
108 = 100. a a 0.2 1 a 5 n a 21 root = 8.332770436935e+01
109 = 100. a a 0.2 1 a 5 n a 22 root = 8.724896530361e+01
110 = 100. a a 0.2 1 a 5 n a 23 root = 9.1137955274202e+01
111 = 100. a a 0.2 1 a 5 n a 24 root = 9.503046377333e+01
112 = 100. a a 0.2 1 a 5 n a 25 root = 9.882571948221e+01
113 = 100. a a 0.2 1 a 5 n a 26 root = 1.0262940894513e+02
114 = 100. a a 0.2 1 a 5 n a 27 root = 1.064232573209e+02
115 = 100. a a 0.2 1 a 5 n a 28 root = 1.1023040494978e+02
116 = 100. a a 0.2 1 a 5 n a 29 root = 1.140597001173e+02
117 = 100. a a 0.2 1 a 5 n a 30 root = 1.1843363432598e+02

```

c
c
c

56 = 100. a = 0.2 i = 6 n = 1 root = 1.0512844719174e+01
56 = 100. a = 0.2 i = 6 n = 2 root = 1.42077043808834e+01
56 = 100. a = 0.2 i = 6 n = 3 root = 1.7851441308262e+01
56 = 100. a = 0.2 i = 6 n = 4 root = 2.1003740708947e+01
56 = 100. a = 0.2 i = 6 n = 5 root = 2.43384210953388e+01
56 = 100. a = 0.2 i = 6 n = 6 root = 2.7702669313115e+01
56 = 100. a = 0.2 i = 6 n = 7 root = 3.1149244851887e+01
56 = 100. a = 0.2 i = 6 n = 8 root = 3.4687395059361e+01
56 = 100. a = 0.2 i = 6 n = 9 root = 3.8296292591898e+01
56 = 100. a = 0.2 i = 6 n = 10 root = 4.197930130958e+01
56 = 100. a = 0.2 i = 6 n = 11 root = 4.5739693307038e+01
56 = 100. a = 0.2 i = 6 n = 12 root = 4.95706236002e+01
56 = 100. a = 0.2 i = 6 n = 13 root = 5.3483671638124e+01
56 = 100. a = 0.2 i = 6 n = 14 root = 5.7469632888780e+01
56 = 100. a = 0.2 i = 6 n = 15 root = 6.152863363359e+01
56 = 100. a = 0.2 i = 6 n = 16 root = 6.5661616384484e+01
56 = 100. a = 0.2 i = 6 n = 17 root = 6.9869912393572e+01
56 = 100. a = 0.2 i = 6 n = 18 root = 7.415369796678e+01
56 = 100. a = 0.2 i = 6 n = 19 root = 7.8525660708498e+01
56 = 100. a = 0.2 i = 6 n = 20 root = 8.298567392094e+01
56 = 100. a = 0.2 i = 6 n = 21 root = 8.7532289177693e+01
56 = 100. a = 0.2 i = 6 n = 22 root = 9.2165632362333e+01
56 = 100. a = 0.2 i = 6 n = 23 root = 9.688663391123e+01
56 = 100. a = 0.2 i = 6 n = 24 root = 1.02493662931385e+01
56 = 100. a = 0.2 i = 6 n = 25 root = 1.0809121038375e+01
56 = 100. a = 0.2 i = 6 n = 26 root = 1.13711716832788e+02
56 = 100. a = 0.2 i = 6 n = 27 root = 1.1700614838650e+02
56 = 100. a = 0.2 i = 6 n = 28 root = 1.188783938899e+02
56 = 100. a = 0.2 i = 6 n = 29 root = 1.197515619765e+02
56 = 100. a = 0.2 i = 6 n = 30 root = 1.1988828332898e+02

c
c
c

56 = 100. a = 0.2 i = 7 n = 1 root = 1.1857033150325e+01
56 = 100. a = 0.2 i = 7 n = 2 root = 1.5431334244929e+01
56 = 100. a = 0.2 i = 7 n = 3 root = 1.893849495291e+01
56 = 100. a = 0.2 i = 7 n = 4 root = 2.2300244778238e+01
56 = 100. a = 0.2 i = 7 n = 5 root = 2.56261308161970e+01
56 = 100. a = 0.2 i = 7 n = 6 root = 2.894788422824e+01
56 = 100. a = 0.2 i = 7 n = 7 root = 3.230608794284e+01
56 = 100. a = 0.2 i = 7 n = 8 root = 3.5727695720940e+01
56 = 100. a = 0.2 i = 7 n = 9 root = 3.921211385505e+01
56 = 100. a = 0.2 i = 7 n = 10 root = 4.2782189846818e+01
56 = 100. a = 0.2 i = 7 n = 11 root = 4.6400949591182e+01
56 = 100. a = 0.2 i = 7 n = 12 root = 5.008160334125e+01
56 = 100. a = 0.2 i = 7 n = 13 root = 5.378363294164e+01
56 = 100. a = 0.2 i = 7 n = 14 root = 5.7503970503882e+01
56 = 100. a = 0.2 i = 7 n = 15 root = 6.1243279318867e+01
56 = 100. a = 0.2 i = 7 n = 16 root = 6.5013152880114e+01
56 = 100. a = 0.2 i = 7 n = 17 root = 6.8840087082361e+01
56 = 100. a = 0.2 i = 7 n = 18 root = 7.2651310737101e+01
56 = 100. a = 0.2 i = 7 n = 19 root = 7.6474611185751e+01
56 = 100. a = 0.2 i = 7 n = 20 root = 8.0302803108949e+01
56 = 100. a = 0.2 i = 7 n = 21 root = 8.4150637578327e+01
56 = 100. a = 0.2 i = 7 n = 22 root = 8.8000717282848e+01
56 = 100. a = 0.2 i = 7 n = 23 root = 9.18574920061825e+01
56 = 100. a = 0.2 i = 7 n = 24 root = 9.5720023667885e+01
56 = 100. a = 0.2 i = 7 n = 25 root = 9.958772848823e+01
56 = 100. a = 0.2 i = 7 n = 26 root = 1.0345887941833e+02
56 = 100. a = 0.2 i = 7 n = 27 root = 1.0733827382942e+02
56 = 100. a = 0.2 i = 7 n = 28 root = 1.1121818028299e+02
56 = 100. a = 0.2 i = 7 n = 29 root = 1.1505635705117e+02
56 = 100. a = 0.2 i = 7 n = 30 root = 1.1888338048575e+02

c
c
c

58 * 100. a * 0.2 i * 8 n = 1 root = 1.2790761815055e+01
58 * 100. a * 0.2 i * 8 n = 2 root = 1.8841008661170e+01
58 * 100. a * 0.2 i * 8 n = 3 root = 2.0168581590166e+01
58 * 100. a * 0.2 i * 8 n = 4 root = 2.3992321031663e+01
58 * 100. a * 0.2 i * 8 n = 5 root = 2.6933269999999e+01
58 * 100. a * 0.2 i * 8 n = 6 root = 3.0247600499999e+01
58 * 100. a * 0.2 i * 8 n = 7 root = 3.329499999193e+01
58 * 100. a * 0.2 i * 8 n = 8 root = 3.6902393672813e+01
58 * 100. a * 0.2 i * 8 n = 9 root = 4.0308132633713e+01
58 * 100. a * 0.2 i * 8 n = 10 root = 4.378868104513e+01
58 * 100. a * 0.2 i * 8 n = 11 root = 4.731795889942e+01
58 * 100. a * 0.2 i * 8 n = 12 root = 5.091130472927e+01
58 * 100. a * 0.2 i * 8 n = 13 root = 5.4495178470327e+01
58 * 100. a * 0.2 i * 8 n = 14 root = 5.8231105294730e+01
58 * 100. a * 0.2 i * 8 n = 15 root = 6.1942960907945e+01
58 * 100. a * 0.2 i * 8 n = 16 root = 6.5679999997925e+01
58 * 100. a * 0.2 i * 8 n = 17 root = 6.943994299372e+01
58 * 100. a * 0.2 i * 8 n = 18 root = 7.3217501627695e+01
58 * 100. a * 0.2 i * 8 n = 19 root = 7.701101276299e+01
58 * 100. a * 0.2 i * 8 n = 20 root = 8.081778449464e+01
58 * 100. a * 0.2 i * 8 n = 21 root = 8.4639494712735e+01
58 * 100. a * 0.2 i * 8 n = 22 root = 8.8463998047665e+01
58 * 100. a * 0.2 i * 8 n = 23 root = 9.230094929299e+01
58 * 100. a * 0.2 i * 8 n = 24 root = 9.6144944903632e+01
58 * 100. a * 0.2 i * 8 n = 25 root = 9.999537725333e+01
58 * 100. a * 0.2 i * 8 n = 26 root = 1.039519299999e+02
58 * 100. a * 0.2 i * 8 n = 27 root = 1.0771399999793e+02
58 * 100. a * 0.2 i * 8 n = 28 root = 1.1158011800942e+02
58 * 100. a * 0.2 i * 8 n = 29 root = 1.1549571103630e+02
58 * 100. a * 0.2 i * 8 n = 30 root = 1.1932509998031e+02

c
c
c

58 * 100. a * 0.2 i * 9 n = 1 root = 1.3919829220698e+01
58 * 100. a * 0.2 i * 9 n = 2 root = 1.7838943978949e+01
58 * 100. a * 0.2 i * 9 n = 3 root = 2.1465904674817e+01
58 * 100. a * 0.2 i * 9 n = 4 root = 2.4873418990963e+01
58 * 100. a * 0.2 i * 9 n = 5 root = 2.8236993957732e+01
58 * 100. a * 0.2 i * 9 n = 6 root = 3.1597941278144e+01
58 * 100. a * 0.2 i * 9 n = 7 root = 3.489590190899e+01
58 * 100. a * 0.2 i * 9 n = 8 root = 3.8150942697790e+01
58 * 100. a * 0.2 i * 9 n = 9 root = 4.1498979999125e+01
58 * 100. a * 0.2 i * 9 n = 10 root = 4.4899817437723e+01
58 * 100. a * 0.2 i * 9 n = 11 root = 4.8349992994136e+01
58 * 100. a * 0.2 i * 9 n = 12 root = 5.1841726299167e+01
58 * 100. a * 0.2 i * 9 n = 13 root = 5.547274443193e+01
58 * 100. a * 0.2 i * 9 n = 14 root = 5.905633294539e+01
58 * 100. a * 0.2 i * 9 n = 15 root = 6.270801970047e+01
58 * 100. a * 0.2 i * 9 n = 16 root = 6.63977519699e+01
58 * 100. a * 0.2 i * 9 n = 17 root = 7.0115051249973e+01
58 * 100. a * 0.2 i * 9 n = 18 root = 7.38959746699e+01
58 * 100. a * 0.2 i * 9 n = 19 root = 7.7619299001777e+01
58 * 100. a * 0.2 i * 9 n = 20 root = 8.139170894607e+01
58 * 100. a * 0.2 i * 9 n = 21 root = 8.5182492479435e+01
58 * 100. a * 0.2 i * 9 n = 22 root = 8.8999999999999e+01
58 * 100. a * 0.2 i * 9 n = 23 root = 9.2794409102999e+01
58 * 100. a * 0.2 i * 9 n = 24 root = 9.662999749432e+01
58 * 100. a * 0.2 i * 9 n = 25 root = 1.0049421894020e+02
58 * 100. a * 0.2 i * 9 n = 26 root = 1.0429303994337e+02
58 * 100. a * 0.2 i * 9 n = 27 root = 1.0813690157372e+02
58 * 100. a * 0.2 i * 9 n = 28 root = 1.1198976999917e+02
58 * 100. a * 0.2 i * 9 n = 29 root = 1.1594617339999e+02
58 * 100. a * 0.2 i * 9 n = 30 root = 1.1970731999789e+02

c
c

56 = 100. a^a 0.2 | a 10 n^a 1 root = 1.5033468304758e+01
56 = 100. a^a 0.2 | a 10 n^a 2 root = 1.5025555331678e+01
56 = 100. a^a 0.2 | a 10 n^a 3 root = 2.682723300561e+01
56 = 100. a^a 0.2 | a 10 n^a 4 root = 2.6142804126105e+01
56 = 100. a^a 0.2 | a 10 n^a 5 root = 2.9534946880924e+01
56 = 100. a^a 0.2 | a 10 n^a 6 root = 3.2672339428533e+01
56 = 100. a^a 0.2 | a 10 n^a 7 root = 3.6176401316273e+01
56 = 100. a^a 0.2 | a 10 n^a 8 root = 3.9469436971265e+01
56 = 100. a^a 0.2 | a 10 n^a 9 root = 4.2764941633651e+01
56 = 100. a^a 0.2 | a 10 n^a 10 root = 4.6095044331794e+01
56 = 100. a^a 0.2 | a 10 n^a 11 root = 4.947531899999e+01
56 = 100. a^a 0.2 | a 10 n^a 12 root = 5.291431970791e+01
56 = 100. a^a 0.2 | a 10 n^a 13 root = 5.6411928117117e+01
56 = 100. a^a 0.2 | a 10 n^a 14 root = 5.992327878159e+01
56 = 100. a^a 0.2 | a 10 n^a 15 root = 6.356030325765e+01
56 = 100. a^a 0.2 | a 10 n^a 16 root = 6.7197140176259e+01
56 = 100. a^a 0.2 | a 10 n^a 17 root = 7.087299920750e+01
56 = 100. a^a 0.2 | a 10 n^a 18 root = 7.4597999439882e+01
56 = 100. a^a 0.2 | a 10 n^a 19 root = 7.837765321721e+01
56 = 100. a^a 0.2 | a 10 n^a 20 root = 8.2030392351052e+01
56 = 100. a^a 0.2 | a 10 n^a 21 root = 8.5790507989511e+01
56 = 100. a^a 0.2 | a 10 n^a 22 root = 8.956792329311e+01
56 = 100. a^a 0.2 | a 10 n^a 23 root = 9.3394257229303e+01
56 = 100. a^a 0.2 | a 10 n^a 24 root = 9.719429912987e+01
56 = 100. a^a 0.2 | a 10 n^a 25 root = 1.0099447209449e+02
56 = 100. a^a 0.2 | a 10 n^a 26 root = 1.0472394655514e+02
56 = 100. a^a 0.2 | a 10 n^a 27 root = 1.0861081116959e+02
56 = 100. a^a 0.2 | a 10 n^a 28 root = 1.12444511008165e+02
56 = 100. a^a 0.2 | a 10 n^a 29 root = 1.162850040442e+02
56 = 100. a^a 0.2 | a 10 n^a 30 root = 1.201322531539e+02

c
c

56 = 100. a^a 0.2 | a 11 n^a 1 root = 1.6144742942959e+01
56 = 100. a^a 0.2 | a 11 n^a 2 root = 2.382039494168e+01
56 = 100. a^a 0.2 | a 11 n^a 3 root = 2.3886531132791e+01
56 = 100. a^a 0.2 | a 11 n^a 4 root = 2.7401209411997e+01
56 = 100. a^a 0.2 | a 11 n^a 5 root = 3.0626500861699e+01
56 = 100. a^a 0.2 | a 11 n^a 6 root = 3.47837346386e+01
56 = 100. a^a 0.2 | a 11 n^a 7 root = 3.7496517991923e+01
56 = 100. a^a 0.2 | a 11 n^a 8 root = 4.0791767598707e+01
56 = 100. a^a 0.2 | a 11 n^a 9 root = 4.4075380300500e+01
56 = 100. a^a 0.2 | a 11 n^a 10 root = 4.7399452240462e+01
56 = 100. a^a 0.2 | a 11 n^a 11 root = 5.0691563189066e+01
56 = 100. a^a 0.2 | a 11 n^a 12 root = 5.4051342595855e+01
56 = 100. a^a 0.2 | a 11 n^a 13 root = 5.7486370349737e+01
56 = 100. a^a 0.2 | a 11 n^a 14 root = 6.0957408601394e+01
56 = 100. a^a 0.2 | a 11 n^a 15 root = 6.4500240263036e+01
56 = 100. a^a 0.2 | a 11 n^a 16 root = 6.8176591646283e+01
56 = 100. a^a 0.2 | a 11 n^a 17 root = 7.1897083450293e+01
56 = 100. a^a 0.2 | a 11 n^a 18 root = 7.574639340267e+01
56 = 100. a^a 0.2 | a 11 n^a 19 root = 7.925311436171e+01
56 = 100. a^a 0.2 | a 11 n^a 20 root = 8.273438825991e+01
56 = 100. a^a 0.2 | a 11 n^a 21 root = 8.640056780921e+01
56 = 100. a^a 0.2 | a 11 n^a 22 root = 9.0250576786165e+01
56 = 100. a^a 0.2 | a 11 n^a 23 root = 9.3899462734920e+01
56 = 100. a^a 0.2 | a 11 n^a 24 root = 9.7739779074805e+01
56 = 100. a^a 0.2 | a 11 n^a 25 root = 1.0185636199171e+02
56 = 100. a^a 0.2 | a 11 n^a 26 root = 1.0632373699494e+02
56 = 100. a^a 0.2 | a 11 n^a 27 root = 1.0913078699807e+02
56 = 100. a^a 0.2 | a 11 n^a 28 root = 1.1294940693132e+02
56 = 100. a^a 0.2 | a 11 n^a 29 root = 1.167876733780e+02
56 = 100. a^a 0.2 | a 11 n^a 30 root = 1.209388880946e+02


```

c
c
100 = 100. a = 0.2 | = 14 n = 1 root = 1.9447703108025e+01
100 = 100. a = 0.2 | = 14 n = 2 root = 2.3652060374671e+01
100 = 100. a = 0.2 | = 14 n = 3 root = 2.7505730011710e+01
100 = 100. a = 0.2 | = 14 n = 4 root = 3.1120521436672e+01
100 = 100. a = 0.2 | = 14 n = 5 root = 3.4621123030071e+01
100 = 100. a = 0.2 | = 14 n = 6 root = 3.8047261475101e+01
100 = 100. a = 0.2 | = 14 n = 7 root = 4.1421427376559e+01
100 = 100. a = 0.2 | = 14 n = 8 root = 4.4757267422577e+01
100 = 100. a = 0.2 | = 14 n = 9 root = 4.8052734767031e+01
100 = 100. a = 0.2 | = 14 n = 10 root = 5.135193366722e+01
100 = 100. a = 0.2 | = 14 n = 11 root = 5.4629468946273e+01
100 = 100. a = 0.2 | = 14 n = 12 root = 5.7892991630618e+01
100 = 100. a = 0.2 | = 14 n = 13 root = 6.1179490493201e+01
100 = 100. a = 0.2 | = 14 n = 14 root = 6.4482320989149e+01
100 = 100. a = 0.2 | = 14 n = 15 root = 6.7805115947554e+01
100 = 100. a = 0.2 | = 14 n = 16 root = 7.1217361639420e+01
100 = 100. a = 0.2 | = 14 n = 17 root = 7.4657751452772e+01
100 = 100. a = 0.2 | = 14 n = 18 root = 7.8146379268945e+01
100 = 100. a = 0.2 | = 14 n = 19 root = 8.1674459831751e+01
100 = 100. a = 0.2 | = 14 n = 20 root = 8.5246109307682e+01
100 = 100. a = 0.2 | = 14 n = 21 root = 8.8860894603702e+01
100 = 100. a = 0.2 | = 14 n = 22 root = 9.2426359391114e+01
100 = 100. a = 0.2 | = 14 n = 23 root = 9.6141910573501e+01
100 = 100. a = 0.2 | = 14 n = 24 root = 9.9827601546994e+01
100 = 100. a = 0.2 | = 14 n = 25 root = 1.0352266667402e+02
100 = 100. a = 0.2 | = 14 n = 26 root = 1.0724439521094e+02
100 = 100. a = 0.2 | = 14 n = 27 root = 1.1097916569599e+02
100 = 100. a = 0.2 | = 14 n = 28 root = 1.1472787442171e+02
100 = 100. a = 0.2 | = 14 n = 29 root = 1.1848995947645e+02
100 = 100. a = 0.2 | = 14 n = 30 root = 1.2226129568378e+02

```

```

c
c
100 = 100. a = 0.2 | = 15 n = 1 root = 2.0940295829046e+01
100 = 100. a = 0.2 | = 15 n = 2 root = 2.4643762577538e+01
100 = 100. a = 0.2 | = 15 n = 3 root = 2.8697430933722e+01
100 = 100. a = 0.2 | = 15 n = 4 root = 3.2944403639757e+01
100 = 100. a = 0.2 | = 15 n = 5 root = 3.5771194425125e+01
100 = 100. a = 0.2 | = 15 n = 6 root = 3.8319369405946e+01
100 = 100. a = 0.2 | = 15 n = 7 root = 4.271245757922e+01
100 = 100. a = 0.2 | = 15 n = 8 root = 4.6065001306994e+01
100 = 100. a = 0.2 | = 15 n = 9 root = 4.9387046527734e+01
100 = 100. a = 0.2 | = 15 n = 10 root = 5.2684649811291e+01
100 = 100. a = 0.2 | = 15 n = 11 root = 5.5964898426011e+01
100 = 100. a = 0.2 | = 15 n = 12 root = 5.9234147329411e+01
100 = 100. a = 0.2 | = 15 n = 13 root = 6.2501373627176e+01
100 = 100. a = 0.2 | = 15 n = 14 root = 6.5776616830360e+01
100 = 100. a = 0.2 | = 15 n = 15 root = 6.9078794225291e+01
100 = 100. a = 0.2 | = 15 n = 16 root = 7.2416969432226e+01
100 = 100. a = 0.2 | = 15 n = 17 root = 7.5790561032733e+01
100 = 100. a = 0.2 | = 15 n = 18 root = 7.9277851166651e+01
100 = 100. a = 0.2 | = 15 n = 19 root = 8.2762262579431e+01
100 = 100. a = 0.2 | = 15 n = 20 root = 8.6216683769431e+01
100 = 100. a = 0.2 | = 15 n = 21 root = 8.9736327979331e+01
100 = 100. a = 0.2 | = 15 n = 22 root = 9.3324941633915e+01
100 = 100. a = 0.2 | = 15 n = 23 root = 9.6894031782783e+01
100 = 100. a = 0.2 | = 15 n = 24 root = 1.0053921874294e+02
100 = 100. a = 0.2 | = 15 n = 25 root = 1.0427768309424e+02
100 = 100. a = 0.2 | = 15 n = 26 root = 1.0795613066979e+02
100 = 100. a = 0.2 | = 15 n = 27 root = 1.1166663171041e+02
100 = 100. a = 0.2 | = 15 n = 28 root = 1.1541824767519e+02
100 = 100. a = 0.2 | = 15 n = 29 root = 1.1919213572544e+02
100 = 100. a = 0.2 | = 15 n = 30 root = 1.2290188178272e+02

```


c
c

100. ## 0.3 | ## 5 ## 1
100. ## 0.3 | ## 5 ## 2
100. ## 0.3 | ## 5 ## 3
100. ## 0.3 | ## 5 ## 4
100. ## 0.3 | ## 5 ## 5
100. ## 0.3 | ## 5 ## 6
100. ## 0.3 | ## 5 ## 7
100. ## 0.3 | ## 5 ## 8
100. ## 0.3 | ## 5 ## 9
100. ## 0.3 | ## 5 ## 10
100. ## 0.3 | ## 5 ## 11
100. ## 0.3 | ## 5 ## 12
100. ## 0.3 | ## 5 ## 13
100. ## 0.3 | ## 5 ## 14
100. ## 0.3 | ## 5 ## 15
100. ## 0.3 | ## 5 ## 16
100. ## 0.3 | ## 5 ## 17
100. ## 0.3 | ## 5 ## 18
100. ## 0.3 | ## 5 ## 19
100. ## 0.3 | ## 5 ## 20
100. ## 0.3 | ## 5 ## 21
100. ## 0.3 | ## 5 ## 22
100. ## 0.3 | ## 5 ## 23
100. ## 0.3 | ## 5 ## 24
100. ## 0.3 | ## 5 ## 25
100. ## 0.3 | ## 5 ## 26
100. ## 0.3 | ## 5 ## 27
100. ## 0.3 | ## 5 ## 28
100. ## 0.3 | ## 5 ## 29
100. ## 0.3 | ## 5 ## 30

root = 9.3695180739692e+00
root = 1.3037886759522e+01
root = 1.8692014602992e+01
root = 2.0538724010912e+01
root = 2.4626688074387e+01
root = 2.8723366100037e+01
root = 3.2963838399946e+01
root = 3.7863153066717e+01
root = 4.1612427565318e+01
root = 4.597039620723e+01
root = 5.036269402686e+01
root = 5.4794633566211e+01
root = 5.918259090223e+01
root = 6.3610223022539e+01
root = 6.8049579403063e+01
root = 7.2467842335269e+01
root = 7.6935240240021e+01
root = 8.1367108153219e+01
root = 8.5942746534063e+01
root = 9.0301600679683e+01
root = 9.4763210472572e+01
root = 9.9272047674111e+01
root = 1.0369327483951e+02
root = 1.0816116295948e+02
root = 1.1333626295215e+02
root = 1.1710195913072e+02
root = 1.2157372677762e+02
root = 1.2629702791671e+02
root = 1.3092112516485e+02
root = 1.3498663327353e+02

c
c

100. ## 0.3 | ## 6 ## 1
100. ## 0.3 | ## 6 ## 2
100. ## 0.3 | ## 6 ## 3
100. ## 0.3 | ## 6 ## 4
100. ## 0.3 | ## 6 ## 5
100. ## 0.3 | ## 6 ## 6
100. ## 0.3 | ## 6 ## 7
100. ## 0.3 | ## 6 ## 8
100. ## 0.3 | ## 6 ## 9
100. ## 0.3 | ## 6 ## 10
100. ## 0.3 | ## 6 ## 11
100. ## 0.3 | ## 6 ## 12
100. ## 0.3 | ## 6 ## 13
100. ## 0.3 | ## 6 ## 14
100. ## 0.3 | ## 6 ## 15
100. ## 0.3 | ## 6 ## 16
100. ## 0.3 | ## 6 ## 17
100. ## 0.3 | ## 6 ## 18
100. ## 0.3 | ## 6 ## 19
100. ## 0.3 | ## 6 ## 20
100. ## 0.3 | ## 6 ## 21
100. ## 0.3 | ## 6 ## 22
100. ## 0.3 | ## 6 ## 23
100. ## 0.3 | ## 6 ## 24
100. ## 0.3 | ## 6 ## 25
100. ## 0.3 | ## 6 ## 26
100. ## 0.3 | ## 6 ## 27
100. ## 0.3 | ## 6 ## 28
100. ## 0.3 | ## 6 ## 29
100. ## 0.3 | ## 6 ## 30

root = 1.0514001712461e+01
root = 1.4423703637038e+01
root = 1.7810287025046e+01
root = 2.1502639169070e+01
root = 2.5389939529719e+01
root = 2.9427890080756e+01
root = 3.3678118742099e+01
root = 3.7892611242409e+01
root = 4.2879149141891e+01
root = 4.806794943077e+01
root = 5.0795818908946e+01
root = 5.5132109306133e+01
root = 5.922202369019e+01
root = 6.36840087733139e+01
root = 6.8340851136259e+01
root = 7.278470471322e+01
root = 7.719907678245e+01
root = 8.153383610291e+01
root = 8.607835476227e+01
root = 9.0523699769105e+01
root = 9.497471734275e+01
root = 9.942916287733e+01
root = 1.0388800531093e+02
root = 1.0834638949430e+02
root = 1.1300267702250e+02
root = 1.1727890726056e+02
root = 1.2173948603321e+02
root = 1.262990031095e+02
root = 1.3087474637359e+02
root = 1.3514488433300e+02

c
c

56 * 100. a^3 i^7 n^1 root = 1.1657307197626e+01
56 * 100. a^3 i^7 n^2 root = 1.593500240882e+01
56 * 100. a^3 i^7 n^3 root = 1.686323827807e+01
56 * 100. a^3 i^7 n^4 root = 2.5930999999300e+01
56 * 100. a^3 i^7 n^5 root = 2.6325127725740e+01
56 * 100. a^3 i^7 n^6 root = 3.0239161874468e+01
56 * 100. a^3 i^7 n^7 root = 3.4287708353250e+01
56 * 100. a^3 i^7 n^8 root = 3.643387048657e+01
56 * 100. a^3 i^7 n^9 root = 4.2650247193076e+01
56 * 100. a^3 i^7 n^10 root = 4.6917517326468e+01
56 * 100. a^3 i^7 n^11 root = 5.1223323195956e+01
56 * 100. a^3 i^7 n^12 root = 5.5995211621603e+01
56 * 100. a^3 i^7 n^13 root = 5.991752626303e+01
56 * 100. a^3 i^7 n^14 root = 6.4232945142821e+01
56 * 100. a^3 i^7 n^15 root = 6.8894394046175e+01
56 * 100. a^3 i^7 n^16 root = 7.300711416379e+01
56 * 100. a^3 i^7 n^17 root = 7.69731166311e+01
56 * 100. a^3 i^7 n^18 root = 8.1900519894881e+01
56 * 100. a^3 i^7 n^19 root = 8.679480680025e+01
56 * 100. a^3 i^7 n^20 root = 9.076226938524e+01
56 * 100. a^3 i^7 n^21 root = 9.5221207195013e+01
56 * 100. a^3 i^7 n^22 root = 9.9894946902380e+01
56 * 100. a^3 i^7 n^23 root = 1.0411173807390e+02
56 * 100. a^3 i^7 n^24 root = 1.0896230413113e+02
56 * 100. a^3 i^7 n^25 root = 1.1301984009104e+02
56 * 100. a^3 i^7 n^26 root = 1.1747601751595e+02
56 * 100. a^3 i^7 n^27 root = 1.2193026343232e+02
56 * 100. a^3 i^7 n^28 root = 1.2639114532657e+02
56 * 100. a^3 i^7 n^29 root = 1.3085363926311e+02
56 * 100. a^3 i^7 n^30 root = 1.3531781746332e+02

c
c

56 * 100. a^3 i^8 n^1 root = 1.2790944115306e+01
56 * 100. a^3 i^8 n^2 root = 1.6943494694318e+01
56 * 100. a^3 i^8 n^3 root = 2.0210105156625e+01
56 * 100. a^3 i^8 n^4 root = 2.3794059404225e+01
56 * 100. a^3 i^8 n^5 root = 2.7351030886235e+01
56 * 100. a^3 i^8 n^6 root = 3.1150097453315e+01
56 * 100. a^3 i^8 n^7 root = 3.5039515243945e+01
56 * 100. a^3 i^8 n^8 root = 3.9146142394637e+01
56 * 100. a^3 i^8 n^9 root = 4.3269369690259e+01
56 * 100. a^3 i^8 n^10 root = 4.7682946226253e+01
56 * 100. a^3 i^8 n^11 root = 5.1752673238204e+01
56 * 100. a^3 i^8 n^12 root = 5.6049590820184e+01
56 * 100. a^3 i^8 n^13 root = 6.0387507151988e+01
56 * 100. a^3 i^8 n^14 root = 6.4712488457943e+01
56 * 100. a^3 i^8 n^15 root = 6.9076030330165e+01
56 * 100. a^3 i^8 n^16 root = 7.349481794677e+01
56 * 100. a^3 i^8 n^17 root = 7.8465144807103e+01
56 * 100. a^3 i^8 n^18 root = 8.2246167797318e+01
56 * 100. a^3 i^8 n^19 root = 8.699494527700e+01
56 * 100. a^3 i^8 n^20 root = 9.107733067771e+01
56 * 100. a^3 i^8 n^21 root = 9.550295208862e+01
56 * 100. a^3 i^8 n^22 root = 9.983253628725e+01
56 * 100. a^3 i^8 n^23 root = 1.0436875175151e+02
56 * 100. a^3 i^8 n^24 root = 1.0880889363007e+02
56 * 100. a^3 i^8 n^25 root = 1.132529190094e+02
56 * 100. a^3 i^8 n^26 root = 1.1768373078911e+02
56 * 100. a^3 i^8 n^27 root = 1.2214374496268e+02
56 * 100. a^3 i^8 n^28 root = 1.2680270446824e+02
56 * 100. a^3 i^8 n^29 root = 1.3107944894893e+02
56 * 100. a^3 i^8 n^30 root = 1.3581536309358e+02

```

c
c
** 100. a ** 0.3 | 9 n ** 1 root = 1.381933347747e+01
** 100. a ** 0.3 | 9 n ** 2 root = 1.7633380466629e+01
** 100. a ** 0.3 | 9 n ** 3 root = 2.1433336661172e+01
** 100. a ** 0.3 | 9 n ** 4 root = 2.493666666134e+01
** 100. a ** 0.3 | 9 n ** 5 root = 2.847943333713e+01
** 100. a ** 0.3 | 9 n ** 6 root = 3.215278773334e+01
** 100. a ** 0.3 | 9 n ** 7 root = 3.5930159548213e+01
** 100. a ** 0.3 | 9 n ** 8 root = 3.98404E120487e+01
** 100. a ** 0.3 | 9 n ** 9 root = 4.4003959161145e+01
** 100. a ** 0.3 | 9 n ** 10 root = 4.814463622920e+01
** 100. a ** 0.3 | 9 n ** 11 root = 5.2344636977501e+01
** 100. a ** 0.3 | 9 n ** 12 root = 5.65937333749e+01
** 100. a ** 0.3 | 9 n ** 13 root = 6.087226049425e+01
** 100. a ** 0.3 | 9 n ** 14 root = 6.518232771729e+01
** 100. a ** 0.3 | 9 n ** 15 root = 6.951934572400e+01
** 100. a ** 0.3 | 9 n ** 16 root = 7.385791183304e+01
** 100. a ** 0.3 | 9 n ** 17 root = 7.829205723005e+01
** 100. a ** 0.3 | 9 n ** 18 root = 8.261938324877e+01
** 100. a ** 0.3 | 9 n ** 19 root = 8.700765653276e+01
** 100. a ** 0.3 | 9 n ** 20 root = 9.1409182260376e+01
** 100. a ** 0.3 | 9 n ** 21 root = 9.581895146399e+01
** 100. a ** 0.3 | 9 n ** 22 root = 1.002761694335e+02
** 100. a ** 0.3 | 9 n ** 23 root = 1.046578236832e+02
** 100. a ** 0.3 | 9 n ** 24 root = 1.090997752929e+02
** 100. a ** 0.3 | 9 n ** 25 root = 1.1351857094913e+02
** 100. a ** 0.3 | 9 n ** 26 root = 1.179232740235e+02
** 100. a ** 0.3 | 9 n ** 27 root = 1.223094232785e+02
** 100. a ** 0.3 | 9 n ** 28 root = 1.266942502781e+02
** 100. a ** 0.3 | 9 n ** 29 root = 1.310782327000e+02
** 100. a ** 0.3 | 9 n ** 30 root = 1.357574330294e+02

```

```

c
c
** 100. a ** 0.3 | 10 n ** 1 root = 1.5033473294187e+01
** 100. a ** 0.3 | 10 n ** 2 root = 1.908942855735e+01
** 100. a ** 0.3 | 10 n ** 3 root = 2.266133933666e+01
** 100. a ** 0.3 | 10 n ** 4 root = 2.617032342062e+01
** 100. a ** 0.3 | 10 n ** 5 root = 2.959333300034e+01
** 100. a ** 0.3 | 10 n ** 6 root = 3.323943742534e+01
** 100. a ** 0.3 | 10 n ** 7 root = 3.6894944146700e+01
** 100. a ** 0.3 | 10 n ** 8 root = 4.0814315763422e+01
** 100. a ** 0.3 | 10 n ** 9 root = 4.479158323703e+01
** 100. a ** 0.3 | 10 n ** 10 root = 4.896030939579e+01
** 100. a ** 0.3 | 10 n ** 11 root = 5.2993699117639e+01
** 100. a ** 0.3 | 10 n ** 12 root = 5.719394030611e+01
** 100. a ** 0.3 | 10 n ** 13 root = 6.143115995999e+01
** 100. a ** 0.3 | 10 n ** 14 root = 6.570260574925e+01
** 100. a ** 0.3 | 10 n ** 15 root = 7.00232323777e+01
** 100. a ** 0.3 | 10 n ** 16 root = 7.432462741057e+01
** 100. a ** 0.3 | 10 n ** 17 root = 7.869946917035e+01
** 100. a ** 0.3 | 10 n ** 18 root = 8.302352394514e+01
** 100. a ** 0.3 | 10 n ** 19 root = 8.73971253631e+01
** 100. a ** 0.3 | 10 n ** 20 root = 9.177707514922e+01
** 100. a ** 0.3 | 10 n ** 21 root = 9.616333919995e+01
** 100. a ** 0.3 | 10 n ** 22 root = 1.005704681285e+02
** 100. a ** 0.3 | 10 n ** 23 root = 1.0497847291513e+02
** 100. a ** 0.3 | 10 n ** 24 root = 1.0938294303071e+02
** 100. a ** 0.3 | 10 n ** 25 root = 1.138132338775e+02
** 100. a ** 0.3 | 10 n ** 26 root = 1.182376930721e+02
** 100. a ** 0.3 | 10 n ** 27 root = 1.226771094028e+02
** 100. a ** 0.3 | 10 n ** 28 root = 1.271049940777e+02
** 100. a ** 0.3 | 10 n ** 29 root = 1.314929111839e+02
** 100. a ** 0.3 | 10 n ** 30 root = 1.358308618289e+02

```

c
c
c

58 = 100. a = 0.3 l = 11 n = 1
58 = 100. a = 0.3 l = 11 n = 2
58 = 100. a = 0.3 l = 11 n = 3
58 = 100. a = 0.3 l = 11 n = 4
58 = 100. a = 0.3 l = 11 n = 5
58 = 100. a = 0.3 l = 11 n = 6
58 = 100. a = 0.3 l = 11 n = 7
58 = 100. a = 0.3 l = 11 n = 8
58 = 100. a = 0.3 l = 11 n = 9
58 = 100. a = 0.3 l = 11 n = 10
58 = 100. a = 0.3 l = 11 n = 11
58 = 100. a = 0.3 l = 11 n = 12
58 = 100. a = 0.3 l = 11 n = 13
58 = 100. a = 0.3 l = 11 n = 14
58 = 100. a = 0.3 l = 11 n = 15
58 = 100. a = 0.3 l = 11 n = 16
58 = 100. a = 0.3 l = 11 n = 17
58 = 100. a = 0.3 l = 11 n = 18
58 = 100. a = 0.3 l = 11 n = 19
58 = 100. a = 0.3 l = 11 n = 20
58 = 100. a = 0.3 l = 11 n = 21
58 = 100. a = 0.3 l = 11 n = 22
58 = 100. a = 0.3 l = 11 n = 23
58 = 100. a = 0.3 l = 11 n = 24
58 = 100. a = 0.3 l = 11 n = 25
58 = 100. a = 0.3 l = 11 n = 26
58 = 100. a = 0.3 l = 11 n = 27
58 = 100. a = 0.3 l = 11 n = 28
58 = 100. a = 0.3 l = 11 n = 29
58 = 100. a = 0.3 l = 11 n = 30

root = 1.614474363133e+01
root = 2.00339297198e+01
root = 2.3676523376e+01
root = 2.74120721122e+01
root = 3.08803764639e+01
root = 3.43686700103e+01
root = 3.8006243251433e+01
root = 4.1784676453751e+01
root = 4.565155732632e+01
root = 4.964200366305e+01
root = 5.371649635440e+01
root = 5.789495184255e+01
root = 6.2273694016196e+01
root = 6.6843695177853e+01
root = 7.159254722629e+01
root = 7.653669277151e+01
root = 8.1679704606737e+01
root = 8.701943018529e+01
root = 9.2518104061659e+01
root = 9.809496369472e+01
root = 1.038811467530e+02
root = 1.0993070277377e+02
root = 1.1613949484945e+02
root = 1.2251930914028e+02
root = 1.2912069496893e+02
root = 1.359466035111e+02
root = 1.429934373301e+02
root = 1.502749853942e+02

c
c
c

58 = 100. a = 0.3 l = 12 n = 1
58 = 100. a = 0.3 l = 12 n = 2
58 = 100. a = 0.3 l = 12 n = 3
58 = 100. a = 0.3 l = 12 n = 4
58 = 100. a = 0.3 l = 12 n = 5
58 = 100. a = 0.3 l = 12 n = 6
58 = 100. a = 0.3 l = 12 n = 7
58 = 100. a = 0.3 l = 12 n = 8
58 = 100. a = 0.3 l = 12 n = 9
58 = 100. a = 0.3 l = 12 n = 10
58 = 100. a = 0.3 l = 12 n = 11
58 = 100. a = 0.3 l = 12 n = 12
58 = 100. a = 0.3 l = 12 n = 13
58 = 100. a = 0.3 l = 12 n = 14
58 = 100. a = 0.3 l = 12 n = 15
58 = 100. a = 0.3 l = 12 n = 16
58 = 100. a = 0.3 l = 12 n = 17
58 = 100. a = 0.3 l = 12 n = 18
58 = 100. a = 0.3 l = 12 n = 19
58 = 100. a = 0.3 l = 12 n = 20
58 = 100. a = 0.3 l = 12 n = 21
58 = 100. a = 0.3 l = 12 n = 22
58 = 100. a = 0.3 l = 12 n = 23
58 = 100. a = 0.3 l = 12 n = 24
58 = 100. a = 0.3 l = 12 n = 25
58 = 100. a = 0.3 l = 12 n = 26
58 = 100. a = 0.3 l = 12 n = 27
58 = 100. a = 0.3 l = 12 n = 28
58 = 100. a = 0.3 l = 12 n = 29
58 = 100. a = 0.3 l = 12 n = 30

root = 1.7250494912512e+01
root = 2.157594825711e+01
root = 2.510137235199e+01
root = 2.8953761415170e+01
root = 3.2123294882934e+01
root = 3.5617295221029e+01
root = 3.912625387220e+01
root = 4.276785514393e+01
root = 4.656191392194e+01
root = 5.049134840087e+01
root = 5.4494942497118e+01
root = 5.8576271281760e+01
root = 6.270532471446e+01
root = 6.689406952947e+01
root = 7.111755133894e+01
root = 7.537203695181e+01
root = 7.9694752155702e+01
root = 8.398636366514e+01
root = 8.831616163702e+01
root = 9.262000025180e+01
root = 9.6973867463818e+01
root = 1.013387300225e+02
root = 1.0571139412857e+02
root = 1.1009511622111e+02
root = 1.144919801787e+02
root = 1.1896205916194e+02
root = 1.235989062920e+02
root = 1.277108494939e+02
root = 1.321656650496e+02
root = 1.3660039891709e+02

c
c
c

```
56 = 100. a = 0.3 i = 13 n = 1 root = 1.8951261822103e+01
56 = 100. a = 0.3 i = 13 n = 2 root = 2.25368321182e+01
56 = 100. a = 0.3 i = 13 n = 3 root = 2.630727952662e+01
56 = 100. a = 0.3 i = 13 n = 4 root = 2.990901637327e+01
56 = 100. a = 0.3 i = 13 n = 5 root = 3.337404021749e+01
56 = 100. a = 0.3 i = 13 n = 6 root = 3.66252658744e+01
56 = 100. a = 0.3 i = 13 n = 7 root = 4.030059401650e+01
56 = 100. a = 0.3 i = 13 n = 8 root = 4.367730583194e+01
56 = 100. a = 0.3 i = 13 n = 9 root = 4.757652830351e+01
56 = 100. a = 0.3 i = 13 n = 10 root = 5.1404057802e+01
56 = 100. a = 0.3 i = 13 n = 11 root = 5.533305778194e+01
56 = 100. a = 0.3 i = 13 n = 12 root = 5.934640059430e+01
56 = 100. a = 0.3 i = 13 n = 13 root = 6.342775318192e+01
56 = 100. a = 0.3 i = 13 n = 14 root = 6.756395294214e+01
56 = 100. a = 0.3 i = 13 n = 15 root = 7.174494049732e+01
56 = 100. a = 0.3 i = 13 n = 16 root = 7.596276525169e+01
56 = 100. a = 0.3 i = 13 n = 17 root = 8.021129671716e+01
56 = 100. a = 0.3 i = 13 n = 18 root = 8.4482525225318e+01
56 = 100. a = 0.3 i = 13 n = 19 root = 8.8781693300942e+01
56 = 100. a = 0.3 i = 13 n = 20 root = 9.309847303232e+01
56 = 100. a = 0.3 i = 13 n = 21 root = 9.742736694000e+01
56 = 100. a = 0.3 i = 13 n = 22 root = 1.017732956638e+02
56 = 100. a = 0.3 i = 13 n = 23 root = 1.061293697100e+02
56 = 100. a = 0.3 i = 13 n = 24 root = 1.104971927184e+02
56 = 100. a = 0.3 i = 13 n = 25 root = 1.148744459322e+02
56 = 100. a = 0.3 i = 13 n = 26 root = 1.192600695376e+02
56 = 100. a = 0.3 i = 13 n = 27 root = 1.236519389336e+02
56 = 100. a = 0.3 i = 13 n = 28 root = 1.280595978270e+02
56 = 100. a = 0.3 i = 13 n = 29 root = 1.3248775936113e+02
56 = 100. a = 0.3 i = 13 n = 30 root = 1.369370122295e+02
```

c
c
c

```
56 = 100. a = 0.3 i = 14 n = 1 root = 1.944770311339e+01
56 = 100. a = 0.3 i = 14 n = 2 root = 2.393303793144e+01
56 = 100. a = 0.3 i = 14 n = 3 root = 2.750578072772e+01
56 = 100. a = 0.3 i = 14 n = 4 root = 3.112107634490e+01
56 = 100. a = 0.3 i = 14 n = 5 root = 3.462533097824e+01
56 = 100. a = 0.3 i = 14 n = 6 root = 3.807169581130e+01
56 = 100. a = 0.3 i = 14 n = 7 root = 4.1516940407510e+01
56 = 100. a = 0.3 i = 14 n = 8 root = 4.524455102303e+01
56 = 100. a = 0.3 i = 14 n = 9 root = 4.894472069033e+01
56 = 100. a = 0.3 i = 14 n = 10 root = 5.238040695121e+01
56 = 100. a = 0.3 i = 14 n = 11 root = 5.623133811300e+01
56 = 100. a = 0.3 i = 14 n = 12 root = 6.017845170170e+01
56 = 100. a = 0.3 i = 14 n = 13 root = 6.4199445293471e+01
56 = 100. a = 0.3 i = 14 n = 14 root = 6.829393276132e+01
56 = 100. a = 0.3 i = 14 n = 15 root = 7.2418469103133e+01
56 = 100. a = 0.3 i = 14 n = 16 root = 7.659619253042e+01
56 = 100. a = 0.3 i = 14 n = 17 root = 8.0809003712527e+01
56 = 100. a = 0.3 i = 14 n = 18 root = 8.5051943578574e+01
56 = 100. a = 0.3 i = 14 n = 19 root = 8.93167403621694e+01
56 = 100. a = 0.3 i = 14 n = 20 root = 9.3607574763771e+01
56 = 100. a = 0.3 i = 14 n = 21 root = 9.791466637930e+01
56 = 100. a = 0.3 i = 14 n = 22 root = 1.022327471032e+02
56 = 100. a = 0.3 i = 14 n = 23 root = 1.065795693225e+02
56 = 100. a = 0.3 i = 14 n = 24 root = 1.1092727666000e+02
56 = 100. a = 0.3 i = 14 n = 25 root = 1.152874911210e+02
56 = 100. a = 0.3 i = 14 n = 26 root = 1.196593690927e+02
56 = 100. a = 0.3 i = 14 n = 27 root = 1.2403462139421e+02
56 = 100. a = 0.3 i = 14 n = 28 root = 1.2841103038174e+02
56 = 100. a = 0.3 i = 14 n = 29 root = 1.3281436095468e+02
56 = 100. a = 0.3 i = 14 n = 30 root = 1.3721390591961e+02
```



```

c
c
** 100.  a  0.3  1  15  n  1  root = 2.094029986509e+01
** 100.  a  0.3  1  15  n  2  root = 2.4684576277366e+01
** 100.  a  0.3  1  15  n  3  root = 2.889743678397e+01
** 100.  a  0.3  1  15  n  4  root = 3.2944948115375e+01
** 100.  a  0.3  1  15  n  5  root = 3.6872708867939e+01
** 100.  a  0.3  1  15  n  6  root = 4.070262791370e+01
** 100.  a  0.3  1  15  n  7  root = 4.4760149463789e+01
** 100.  a  0.3  1  15  n  8  root = 4.8219089101113e+01
** 100.  a  0.3  1  15  n  9  root = 4.9761181801813e+01
** 100.  a  0.3  1  15  n  10  root = 5.3941890300479e+01
** 100.  a  0.3  1  15  n  11  root = 5.7188209247046e+01
** 100.  a  0.3  1  15  n  12  root = 6.1061877170185e+01
** 100.  a  0.3  1  15  n  13  root = 6.502111724959e+01
** 100.  a  0.3  1  15  n  14  root = 6.905095066139e+01
** 100.  a  0.3  1  15  n  15  root = 7.313782036394e+01
** 100.  a  0.3  1  15  n  16  root = 7.727629736888e+01
** 100.  a  0.3  1  15  n  17  root = 8.144775163189e+01
** 100.  a  0.3  1  15  n  18  root = 8.565069480327e+01
** 100.  a  0.3  1  15  n  19  root = 8.988388060114e+01
** 100.  a  0.3  1  15  n  20  root = 9.415402533958e+01
** 100.  a  0.3  1  15  n  21  root = 9.843616829100e+01
** 100.  a  0.3  1  15  n  22  root = 1.027369434805e+02
** 100.  a  0.3  1  15  n  23  root = 1.070526394979e+02
** 100.  a  0.3  1  15  n  24  root = 1.1138312247422e+02
** 100.  a  0.3  1  15  n  25  root = 1.157278403151e+02
** 100.  a  0.3  1  15  n  26  root = 1.2007937077933e+02
** 100.  a  0.3  1  15  n  27  root = 1.2444272618821e+02
** 100.  a  0.3  1  15  n  28  root = 1.2881488076318e+02
** 100.  a  0.3  1  15  n  29  root = 1.3319488114185e+02
** 100.  a  0.3  1  15  n  30  root = 1.3758197046181e+02
c
c
** 100.  a  0.4  1  1  n  1  root = 5.6298387740409e+00
** 100.  a  0.4  1  1  n  2  root = 1.0663737025701e+01
** 100.  a  0.4  1  1  n  3  root = 1.5947446785795e+01
** 100.  a  0.4  1  1  n  4  root = 2.1042943718201e+01
** 100.  a  0.4  1  1  n  5  root = 2.6258184726306e+01
** 100.  a  0.4  1  1  n  6  root = 3.1476247498619e+01
** 100.  a  0.4  1  1  n  7  root = 3.6703276188246e+01
** 100.  a  0.4  1  1  n  8  root = 4.193080709519e+01
** 100.  a  0.4  1  1  n  9  root = 4.716233363438e+01
** 100.  a  0.4  1  1  n  10  root = 5.2390911112005e+01
** 100.  a  0.4  1  1  n  11  root = 5.762573690186e+01
** 100.  a  0.4  1  1  n  12  root = 6.2854929471099e+01
** 100.  a  0.4  1  1  n  13  root = 6.807886951204e+01
** 100.  a  0.4  1  1  n  14  root = 7.3301257799141e+01
** 100.  a  0.4  1  1  n  15  root = 7.8528497919308e+01
** 100.  a  0.4  1  1  n  16  root = 8.376897869402e+01
** 100.  a  0.4  1  1  n  17  root = 8.902309991290e+01
** 100.  a  0.4  1  1  n  18  root = 9.428763667781e+01
** 100.  a  0.4  1  1  n  19  root = 9.9462211151324e+01
** 100.  a  0.4  1  1  n  20  root = 1.047266303013e+02
** 100.  a  0.4  1  1  n  21  root = 1.0986181443306e+02
** 100.  a  0.4  1  1  n  22  root = 1.151375902225e+02
** 100.  a  0.4  1  1  n  23  root = 1.2043181344110e+02
** 100.  a  0.4  1  1  n  24  root = 1.256669363089e+02
** 100.  a  0.4  1  1  n  25  root = 1.309212948958e+02
** 100.  a  0.4  1  1  n  26  root = 1.3613738174703e+02
** 100.  a  0.4  1  1  n  27  root = 1.4137288989157e+02
** 100.  a  0.4  1  1  n  28  root = 1.4662084989436e+02
** 100.  a  0.4  1  1  n  29  root = 1.518744623994e+02
** 100.  a  0.4  1  1  n  30  root = 1.570889283800e+02

```

```

c
c
c
** = 100.  .a.  .0.4  .a.  2  n.n  1  root = 6.346952739294+00
** = 100.  .a.  .0.4  .a.  2  n.n  2  root = 1.1127293376918+01
** = 100.  .a.  .0.4  .a.  2  n.n  3  root = 1.6193955746783+01
** = 100.  .a.  .0.4  .a.  2  n.n  4  root = 2.1332321029959+01
** = 100.  .a.  .0.4  .a.  2  n.n  5  root = 2.8447237117503+01
** = 100.  .a.  .0.4  .a.  2  n.n  6  root = 3.1633612910415+01
** = 100.  .a.  .0.4  .a.  2  n.n  7  root = 3.6939094156657+01
** = 100.  .a.  .0.4  .a.  2  n.n  8  root = 4.204976327653+01
** = 100.  .a.  .0.4  .a.  2  n.n  9  root = 4.7265036275715+01
** = 100.  .a.  .0.4  .a.  2  n.n  10  root = 5.246217418753+01
** = 100.  .a.  .0.4  .a.  2  n.n  11  root = 5.770923549025+01
** = 100.  .a.  .0.4  .a.  2  n.n  12  root = 6.293443691009+01
** = 100.  .a.  .0.4  .a.  2  n.n  13  root = 6.8161274267105+01
** = 100.  .a.  .0.4  .a.  2  n.n  14  root = 7.3399144673250+01
** = 100.  .a.  .0.4  .a.  2  n.n  15  root = 7.861997769415+01
** = 100.  .a.  .0.4  .a.  2  n.n  16  root = 8.394929137327+01
** = 100.  .a.  .0.4  .a.  2  n.n  17  root = 8.930395993650+01
** = 100.  .a.  .0.4  .a.  2  n.n  18  root = 9.431067936769+01
** = 100.  .a.  .0.4  .a.  2  n.n  19  root = 9.934247742949+01
** = 100.  .a.  .0.4  .a.  2  n.n  20  root = 1.047469267971+02
** = 100.  .a.  .0.4  .a.  2  n.n  21  root = 1.1000727994529+02
** = 100.  .a.  .0.4  .a.  2  n.n  22  root = 1.1524016948707+02
** = 100.  .a.  .0.4  .a.  2  n.n  23  root = 1.204733262131+02
** = 100.  .a.  .0.4  .a.  2  n.n  24  root = 1.2570572249476+02
** = 100.  .a.  .0.4  .a.  2  n.n  25  root = 1.3094032399674+02
** = 100.  .a.  .0.4  .a.  2  n.n  26  root = 1.361741095304+02
** = 100.  .a.  .0.4  .a.  2  n.n  27  root = 1.4140909691202+02
** = 100.  .a.  .0.4  .a.  2  n.n  28  root = 1.4664215049103+02
** = 100.  .a.  .0.4  .a.  2  n.n  29  root = 1.5187637452074+02
** = 100.  .a.  .0.4  .a.  2  n.n  30  root = 1.5711071625735+02

```

```

c
c
c
** = 100.  .a.  .3.4  .a.  3  n.n  1  root = 7.2753774643470+00
** = 100.  .a.  .0.4  .a.  3  n.n  2  root = 1.1762156397282+01
** = 100.  .a.  .0.4  .a.  3  n.n  3  root = 1.6503767673449+01
** = 100.  .a.  .0.4  .a.  3  n.n  4  root = 2.1626953160526+01
** = 100.  .a.  .0.4  .a.  3  n.n  5  root = 2.6729967539201+01
** = 100.  .a.  .0.4  .a.  3  n.n  6  root = 3.1872990027944+01
** = 100.  .a.  .0.4  .a.  3  n.n  7  root = 3.704203492919+01
** = 100.  .a.  .0.4  .a.  3  n.n  8  root = 4.2227751724975+01
** = 100.  .a.  .0.4  .a.  3  n.n  9  root = 4.7424447261153+01
** = 100.  .a.  .0.4  .a.  3  n.n  10  root = 5.263964673901+01
** = 100.  .a.  .0.4  .a.  3  n.n  11  root = 5.7893956677401+01
** = 100.  .a.  .0.4  .a.  3  n.n  12  root = 6.3095261167936+01
** = 100.  .a.  .0.4  .a.  3  n.n  13  root = 6.827124632975+01
** = 100.  .a.  .0.4  .a.  3  n.n  14  root = 7.3451566207006+01
** = 100.  .a.  .0.4  .a.  3  n.n  15  root = 7.8713963951453+01
** = 100.  .a.  .0.4  .a.  3  n.n  16  root = 8.395926329175+01
** = 100.  .a.  .0.4  .a.  3  n.n  17  root = 8.9183327261381+01
** = 100.  .a.  .0.4  .a.  3  n.n  18  root = 9.439018503028+01
** = 100.  .a.  .0.4  .a.  3  n.n  19  root = 9.95781393021+01
** = 100.  .a.  .0.4  .a.  3  n.n  20  root = 1.049627671728+02
** = 100.  .a.  .0.4  .a.  3  n.n  21  root = 1.1007945319024+02
** = 100.  .a.  .0.4  .a.  3  n.n  22  root = 1.153029499713+02
** = 100.  .a.  .0.4  .a.  3  n.n  23  root = 1.205339319427+02
** = 100.  .a.  .0.4  .a.  3  n.n  24  root = 1.257663949993+02
** = 100.  .a.  .0.4  .a.  3  n.n  25  root = 1.309976029911+02
** = 100.  .a.  .0.4  .a.  3  n.n  26  root = 1.362291682379+02
** = 100.  .a.  .0.4  .a.  3  n.n  27  root = 1.414610929482+02
** = 100.  .a.  .0.4  .a.  3  n.n  28  root = 1.46692973389+02
** = 100.  .a.  .0.4  .a.  3  n.n  29  root = 1.519257910395+02
** = 100.  .a.  .0.4  .a.  3  n.n  30  root = 1.571594576348+02

```



```

c
c
c
50 = 100. a = 0.4 i = 6 n = 1 root = 1.057979663802e+01
50 = 100. a = 0.4 i = 6 n = 2 root = 1.400000000000e+01
50 = 100. a = 0.4 i = 6 n = 3 root = 1.875924618879e+01
50 = 100. a = 0.4 i = 6 n = 4 root = 2.330948038128e+01
50 = 100. a = 0.4 i = 6 n = 5 root = 2.810961389408e+01
50 = 100. a = 0.4 i = 6 n = 6 root = 3.303482204035e+01
50 = 100. a = 0.4 i = 6 n = 7 root = 3.8045241950471e+01
50 = 100. a = 0.4 i = 6 n = 8 root = 4.3109771749239e+01
50 = 100. a = 0.4 i = 6 n = 9 root = 4.821104970912e+01
50 = 100. a = 0.4 i = 6 n = 10 root = 5.3338514688774e+01
50 = 100. a = 0.4 i = 6 n = 11 root = 5.8466284164392e+01
50 = 100. a = 0.4 i = 6 n = 12 root = 6.366600442013e+01
50 = 100. a = 0.4 i = 6 n = 13 root = 6.8819070666038e+01
50 = 100. a = 0.4 i = 6 n = 14 root = 7.400000311376e+01
50 = 100. a = 0.4 i = 6 n = 15 root = 7.9188577012074e+01
50 = 100. a = 0.4 i = 6 n = 16 root = 8.43881170515334e+01
50 = 100. a = 0.4 i = 6 n = 17 root = 8.95839049490e+01
50 = 100. a = 0.4 i = 6 n = 18 root = 9.4787041861105e+01
50 = 100. a = 0.4 i = 6 n = 19 root = 9.9983064681835e+01
50 = 100. a = 0.4 i = 6 n = 20 root = 1.052039489919e+02
50 = 100. a = 0.4 i = 6 n = 21 root = 1.10419976212974e+02
50 = 100. a = 0.4 i = 6 n = 22 root = 1.1563025616092e+02
50 = 100. a = 0.4 i = 6 n = 23 root = 1.2084651029070e+02
50 = 100. a = 0.4 i = 6 n = 24 root = 1.260844028273e+02
50 = 100. a = 0.4 i = 6 n = 25 root = 1.3128375242589e+02
50 = 100. a = 0.4 i = 6 n = 26 root = 1.36504341251094e+02
50 = 100. a = 0.4 i = 6 n = 27 root = 1.417650057778e+02
50 = 100. a = 0.4 i = 6 n = 28 root = 1.46948484475331e+02
50 = 100. a = 0.4 i = 6 n = 29 root = 1.5217251319433e+02
50 = 100. a = 0.4 i = 6 n = 30 root = 1.5739700092780e+02

c
c
c
50 = 100. a = 0.4 i = 7 n = 1 root = 1.1867185381617e+01
50 = 100. a = 0.4 i = 7 n = 2 root = 1.355460535252e+01
50 = 100. a = 0.4 i = 7 n = 3 root = 1.5659429500500e+01
50 = 100. a = 0.4 i = 7 n = 4 root = 1.8062000446657e+01
50 = 100. a = 0.4 i = 7 n = 5 root = 2.0731321840780e+01
50 = 100. a = 0.4 i = 7 n = 6 root = 2.3682252521193e+01
50 = 100. a = 0.4 i = 7 n = 7 root = 2.6507020211040e+01
50 = 100. a = 0.4 i = 7 n = 8 root = 2.917043664602e+01
50 = 100. a = 0.4 i = 7 n = 9 root = 3.1676261928271e+01
50 = 100. a = 0.4 i = 7 n = 10 root = 3.387783713185e+01
50 = 100. a = 0.4 i = 7 n = 11 root = 3.587093698601e+01
50 = 100. a = 0.4 i = 7 n = 12 root = 3.7622075946284e+01
50 = 100. a = 0.4 i = 7 n = 13 root = 3.907394728213e+01
50 = 100. a = 0.4 i = 7 n = 14 root = 4.023764842623e+01
50 = 100. a = 0.4 i = 7 n = 15 root = 4.1108467421145e+01
50 = 100. a = 0.4 i = 7 n = 16 root = 4.16981703841895e+01
50 = 100. a = 0.4 i = 7 n = 17 root = 4.1979143374181e+01
50 = 100. a = 0.4 i = 7 n = 18 root = 4.1971637302874e+01
50 = 100. a = 0.4 i = 7 n = 19 root = 4.16683030363e+01
50 = 100. a = 0.4 i = 7 n = 20 root = 4.1052702337248e+01
50 = 100. a = 0.4 i = 7 n = 21 root = 4.10574680071e+01
50 = 100. a = 0.4 i = 7 n = 22 root = 4.157811003035e+01
50 = 100. a = 0.4 i = 7 n = 23 root = 4.2098141867881e+01
50 = 100. a = 0.4 i = 7 n = 24 root = 4.2620330513784e+01
50 = 100. a = 0.4 i = 7 n = 25 root = 4.3141711084638e+01
50 = 100. a = 0.4 i = 7 n = 26 root = 4.3653261388616e+01
50 = 100. a = 0.4 i = 7 n = 27 root = 4.4164828891054e+01
50 = 100. a = 0.4 i = 7 n = 28 root = 4.4675783940036e+01
50 = 100. a = 0.4 i = 7 n = 29 root = 4.5187059313874e+01
50 = 100. a = 0.4 i = 7 n = 30 root = 4.5700628388864e+01

```



```

c
c
c
sp = 100. a = 0.4 i = 10 n = 1 root = 1.52340193244689e+01
sp = 100. a = 0.4 i = 10 n = 2 root = 1.90495932101453e+01
sp = 100. a = 0.4 i = 10 n = 3 root = 2.26363036915094e+01
sp = 100. a = 0.4 i = 10 n = 4 root = 2.67681933069691e+01
sp = 100. a = 0.4 i = 10 n = 5 root = 3.10587303393759e+01
sp = 100. a = 0.4 i = 10 n = 6 root = 3.5566246030986e+01
sp = 100. a = 0.4 i = 10 n = 7 root = 4.02534426237871e+01
sp = 100. a = 0.4 i = 10 n = 8 root = 4.50632625930753e+01
sp = 100. a = 0.4 i = 10 n = 9 root = 4.99617467397554e+01
sp = 100. a = 0.4 i = 10 n = 10 root = 5.49230959406227e+01
sp = 100. a = 0.4 i = 10 n = 11 root = 5.99116210524949e+01
sp = 100. a = 0.4 i = 10 n = 12 root = 6.49196684014980e+01
sp = 100. a = 0.4 i = 10 n = 13 root = 7.00502666946034e+01
sp = 100. a = 0.4 i = 10 n = 14 root = 7.51462149226293e+01
sp = 100. a = 0.4 i = 10 n = 15 root = 8.03030367179474e+01
sp = 100. a = 0.4 i = 10 n = 16 root = 8.53893270602034e+01
sp = 100. a = 0.4 i = 10 n = 17 root = 9.05308577006311e+01
sp = 100. a = 0.4 i = 10 n = 18 root = 9.56823165066811e+01
sp = 100. a = 0.4 i = 10 n = 19 root = 1.00842709126795e+02
sp = 100. a = 0.4 i = 10 n = 20 root = 1.06010261761095e+02
sp = 100. a = 0.4 i = 10 n = 21 root = 1.11184799325940e+02
sp = 100. a = 0.4 i = 10 n = 22 root = 1.1639492994671e+02
sp = 100. a = 0.4 i = 10 n = 23 root = 1.21942200267440e+02
sp = 100. a = 0.4 i = 10 n = 24 root = 1.26736849794056e+02
sp = 100. a = 0.4 i = 10 n = 25 root = 1.31930694492442e+02
sp = 100. a = 0.4 i = 10 n = 26 root = 1.37126993671264e+02
sp = 100. a = 0.4 i = 10 n = 27 root = 1.42320446903844e+02
sp = 100. a = 0.4 i = 10 n = 28 root = 1.47526383712472e+02
sp = 100. a = 0.4 i = 10 n = 29 root = 1.52737886694444e+02
sp = 100. a = 0.4 i = 10 n = 30 root = 1.57953676919081e+02

c
c
c
sp = 100. a = 0.4 i = 11 n = 1 root = 1.61444941312006e+01
sp = 100. a = 0.4 i = 11 n = 2 root = 2.02130372310664e+01
sp = 100. a = 0.4 i = 11 n = 3 root = 2.39847125039264e+01
sp = 100. a = 0.4 i = 11 n = 4 root = 2.76418320999934e+01
sp = 100. a = 0.4 i = 11 n = 5 root = 3.1287187730134e+01
sp = 100. a = 0.4 i = 11 n = 6 root = 3.63986228131704e+01
sp = 100. a = 0.4 i = 11 n = 7 root = 4.09502942057104e+01
sp = 100. a = 0.4 i = 11 n = 8 root = 4.56539304462911e+01
sp = 100. a = 0.4 i = 11 n = 9 root = 5.05190624764941e+01
sp = 100. a = 0.4 i = 11 n = 10 root = 5.54290525311854e+01
sp = 100. a = 0.4 i = 11 n = 11 root = 6.03842576194941e+01
sp = 100. a = 0.4 i = 11 n = 12 root = 6.54032760921064e+01
sp = 100. a = 0.4 i = 11 n = 13 root = 7.04543618726911e+01
sp = 100. a = 0.4 i = 11 n = 14 root = 7.55142076226871e+01
sp = 100. a = 0.4 i = 11 n = 15 root = 8.06046367632354e+01
sp = 100. a = 0.4 i = 11 n = 16 root = 8.57127747006764e+01
sp = 100. a = 0.4 i = 11 n = 17 root = 9.08309442362361e+01
sp = 100. a = 0.4 i = 11 n = 18 root = 9.59707021182341e+01
sp = 100. a = 0.4 i = 11 n = 19 root = 1.01116284760494e+02
sp = 100. a = 0.4 i = 11 n = 20 root = 1.06270997769454e+02
sp = 100. a = 0.4 i = 11 n = 21 root = 1.11432777676364e+02
sp = 100. a = 0.4 i = 11 n = 22 root = 1.16601462193011e+02
sp = 100. a = 0.4 i = 11 n = 23 root = 1.21779632408044e+02
sp = 100. a = 0.4 i = 11 n = 24 root = 1.26958076042544e+02
sp = 100. a = 0.4 i = 11 n = 25 root = 1.32136519299434e+02
sp = 100. a = 0.4 i = 11 n = 26 root = 1.37327468773944e+02
sp = 100. a = 0.4 i = 11 n = 27 root = 1.42518663921334e+02
sp = 100. a = 0.4 i = 11 n = 28 root = 1.47713698336644e+02
sp = 100. a = 0.4 i = 11 n = 29 root = 1.52911102941024e+02
sp = 100. a = 0.4 i = 11 n = 30 root = 1.58111124626811e+02

```

```

c
c
100 100 .a .a .0.4 .12 .n 1 root = 1.7250524974485e+01
100 100 .a .a .0.4 .12 .n 2 root = 2.1377462288071e+01
100 100 .a .a .0.4 .12 .n 3 root = 2.5194121410943e+01
100 100 .a .a .0.4 .12 .n 4 root = 2.8834325045061e+01
100 100 .a .a .0.4 .12 .n 5 root = 3.2307250233878e+01
100 100 .a .a .0.4 .12 .n 6 root = 3.702979827657e+01
100 100 .a .a .0.4 .12 .n 7 root = 4.1701668434300e+01
100 100 .a .a .0.4 .12 .n 8 root = 4.6384025307678e+01
100 100 .a .a .0.4 .12 .n 9 root = 5.1228941310084e+01
100 100 .a .a .0.4 .12 .n 10 root = 5.5977951988185e+01
100 100 .a .a .0.4 .12 .n 11 root = 6.0697007158839e+01
100 100 .a .a .0.4 .12 .n 12 root = 6.568227810335e+01
100 100 .a .a .0.4 .12 .n 13 root = 7.0874685051614e+01
100 100 .a .a .0.4 .12 .n 14 root = 7.591436629404e+01
100 100 .a .a .0.4 .12 .n 15 root = 8.073160225253e+01
100 100 .a .a .0.4 .12 .n 16 root = 8.5064674431812e+01
100 100 .a .a .0.4 .12 .n 17 root = 9.1167451577689e+01
100 100 .a .a .0.4 .12 .n 18 root = 9.620468287347e+01
100 100 .a .a .0.4 .12 .n 19 root = 1.0141410789594e+02
100 100 .a .a .0.4 .12 .n 20 root = 1.067036845273e+02
100 100 .a .a .0.4 .12 .n 21 root = 1.1170280491936e+02
100 100 .a .a .0.4 .12 .n 22 root = 1.1688565270271e+02
100 100 .a .a .0.4 .12 .n 23 root = 1.220229840833e+02
100 100 .a .a .0.4 .12 .n 24 root = 1.2713240221115e+02
100 100 .a .a .0.4 .12 .n 25 root = 1.323570781395e+02
100 100 .a .a .0.4 .12 .n 26 root = 1.3749411625726e+02
100 100 .a .a .0.4 .12 .n 27 root = 1.427358048193e+02
100 100 .a .a .0.4 .12 .n 28 root = 1.4793171028310e+02
100 100 .a .a .0.4 .12 .n 29 root = 1.5310784011032e+02
100 100 .a .a .0.4 .12 .n 30 root = 1.5830117803363e+02

c
c
100 100 .a .a .0.4 .13 .n 1 root = 1.8391289349105e+01
100 100 .a .a .0.4 .13 .n 2 root = 2.2533614882165e+01
100 100 .a .a .0.4 .13 .n 3 root = 2.6334655339009e+01
100 100 .a .a .0.4 .13 .n 4 root = 3.0082675657627e+01
100 100 .a .a .0.4 .13 .n 5 root = 3.3261187828475e+01
100 100 .a .a .0.4 .13 .n 6 root = 3.8116822850488e+01
100 100 .a .a .0.4 .13 .n 7 root = 4.2505719511800e+01
100 100 .a .a .0.4 .13 .n 8 root = 4.7072921881711e+01
100 100 .a .a .0.4 .13 .n 9 root = 5.17719262017407e+01
100 100 .a .a .0.4 .13 .n 10 root = 5.6567789540376e+01
100 100 .a .a .0.4 .13 .n 11 root = 6.1430026671671e+01
100 100 .a .a .0.4 .13 .n 12 root = 6.6384589440531e+01
100 100 .a .a .0.4 .13 .n 13 root = 7.1337736622088e+01
100 100 .a .a .0.4 .13 .n 14 root = 7.6346293887889e+01
100 100 .a .a .0.4 .13 .n 15 root = 8.1304345102859e+01
100 100 .a .a .0.4 .13 .n 16 root = 8.644794377044e+01
100 100 .a .a .0.4 .13 .n 17 root = 9.1586033698835e+01
100 100 .a .a .0.4 .13 .n 18 root = 9.6628822877804e+01
100 100 .a .a .0.4 .13 .n 19 root = 1.0173509436071e+02
100 100 .a .a .0.4 .13 .n 20 root = 1.06860310588271e+02
100 100 .a .a .0.4 .13 .n 21 root = 1.1198452326335e+02
100 100 .a .a .0.4 .13 .n 22 root = 1.1713653207634e+02
100 100 .a .a .0.4 .13 .n 23 root = 1.2229020153300e+02
100 100 .a .a .0.4 .13 .n 24 root = 1.2746833830217e+02
100 100 .a .a .0.4 .13 .n 25 root = 1.326132954742e+02
100 100 .a .a .0.4 .13 .n 26 root = 1.3783314384114e+02
100 100 .a .a .0.4 .13 .n 27 root = 1.4292819883184e+02
100 100 .a .a .0.4 .13 .n 28 root = 1.481372004791e+02
100 100 .a .a .0.4 .13 .n 29 root = 1.5328030802885e+02
100 100 .a .a .0.4 .13 .n 30 root = 1.580688028694e+02

```

c
c
c

58	100.	a	a	0.4	1	14	n	1	root = 1.9447711513034e+01
58	100.	a	a	0.4	1	14	n	2	root = 2.3693914639436e+01
58	100.	a	a	0.4	1	14	n	3	root = 2.7519471092161e+01
58	100.	a	a	0.4	1	14	n	4	root = 3.1225751405942e+01
58	100.	a	a	0.4	1	14	n	5	root = 3.5033629026938e+01
58	100.	a	a	0.4	1	14	n	6	root = 3.9076167729482e+01
58	100.	a	a	0.4	1	14	n	7	root = 4.3350525765664e+01
58	100.	a	a	0.4	1	14	n	8	root = 4.7838277850388e+01
58	100.	a	a	0.4	1	14	n	9	root = 5.2494284423657e+01
58	100.	a	a	0.4	1	14	n	10	root = 5.7188926271124e+01
58	100.	a	a	0.4	1	14	n	11	root = 6.2012512434084e+01
58	100.	a	a	0.4	1	14	n	12	root = 6.6930251382018e+01
58	100.	a	a	0.4	1	14	n	13	root = 7.1934298414171e+01
58	100.	a	a	0.4	1	14	n	14	root = 7.6993236386192e+01
58	100.	a	a	0.4	1	14	n	15	root = 8.1817367360260e+01
58	100.	a	a	0.4	1	14	n	16	root = 8.6526625561150e+01
58	100.	a	a	0.4	1	14	n	17	root = 9.1111332010649e+01
58	100.	a	a	0.4	1	14	n	18	root = 9.568949269442e+01
58	100.	a	a	0.4	1	14	n	19	root = 1.0030207104838e+02
58	100.	a	a	0.4	1	14	n	20	root = 1.0718652049912e+02
58	100.	a	a	0.4	1	14	n	21	root = 1.123066214801e+02
58	100.	a	a	0.4	1	14	n	22	root = 1.17398383012e+02
58	100.	a	a	0.4	1	14	n	23	root = 1.2237782470716e+02
58	100.	a	a	0.4	1	14	n	24	root = 1.2727230312751e+02
58	100.	a	a	0.4	1	14	n	25	root = 1.320789337515e+02
58	100.	a	a	0.4	1	14	n	26	root = 1.36812612074026e+02
58	100.	a	a	0.4	1	14	n	27	root = 1.4150366695174e+02
58	100.	a	a	0.4	1	14	n	28	root = 1.4637622043457e+02
58	100.	a	a	0.4	1	14	n	29	root = 1.5139462103659e+02
58	100.	a	a	0.4	1	14	n	30	root = 1.56728219300534e+02

c
c
c

58	100.	a	a	0.4	1	15	n	1	root = 2.0940232690564e+01
58	100.	a	a	0.4	1	15	n	2	root = 2.4844049129161e+01
58	100.	a	a	0.4	1	15	n	3	root = 2.8734035463084e+01
58	100.	a	a	0.4	1	15	n	4	root = 3.2404505269764e+01
58	100.	a	a	0.4	1	15	n	5	root = 3.6149451702668e+01
58	100.	a	a	0.4	1	15	n	6	root = 4.008473032674e+01
58	100.	a	a	0.4	1	15	n	7	root = 4.4209259811867e+01
58	100.	a	a	0.4	1	15	n	8	root = 4.8661860327748e+01
58	100.	a	a	0.4	1	15	n	9	root = 5.32001447737336e+01
58	100.	a	a	0.4	1	15	n	10	root = 5.7870177842538e+01
58	100.	a	a	0.4	1	15	n	11	root = 6.2633956383689e+01
58	100.	a	a	0.4	1	15	n	12	root = 6.7470193962265e+01
58	100.	a	a	0.4	1	15	n	13	root = 7.23337840128271e+01
58	100.	a	a	0.4	1	15	n	14	root = 7.7303460972934e+01
58	100.	a	a	0.4	1	15	n	15	root = 8.2260631946919e+01
58	100.	a	a	0.4	1	15	n	16	root = 8.7280712946868e+01
58	100.	a	a	0.4	1	15	n	17	root = 9.2322532682974e+01
58	100.	a	a	0.4	1	15	n	18	root = 9.7378010281908e+01
58	100.	a	a	0.4	1	15	n	19	root = 1.0245187830320e+02
58	100.	a	a	0.4	1	15	n	20	root = 1.0759146097736e+02
58	100.	a	a	0.4	1	15	n	21	root = 1.1284662612684e+02
58	100.	a	a	0.4	1	15	n	22	root = 1.1772581170690e+02
58	100.	a	a	0.4	1	15	n	23	root = 1.2289466266215e+02
58	100.	a	a	0.4	1	15	n	24	root = 1.2801914531404e+02
58	100.	a	a	0.4	1	15	n	25	root = 1.3316141468803e+02
58	100.	a	a	0.4	1	15	n	26	root = 1.3831076726200e+02
58	100.	a	a	0.4	1	15	n	27	root = 1.4346843470333e+02
58	100.	a	a	0.4	1	15	n	28	root = 1.4863277524389e+02
58	100.	a	a	0.4	1	15	n	29	root = 1.5379419786518e+02
58	100.	a	a	0.4	1	15	n	30	root = 1.58962512170297e+02

c
c

100. a . 0.5 1 3 n 1 root * 7.894694732669e+00
100. a . 0.5 1 3 n 2 root * 1.349499949067e+01
100. a . 0.5 1 3 n 3 root * 1.949594619829e+01
100. a . 0.5 1 3 n 4 root * 2.09498868827e+01
100. a . 0.5 1 3 n 5 root * 3.17732707209e+01
100. a . 0.5 1 3 n 6 root * 3.76980188804e+01
100. a . 0.5 1 3 n 7 root * 4.479430454699e+01
100. a . 0.5 1 3 n 8 root * 5.04636612224e+01
100. a . 0.5 1 3 n 9 root * 5.674029467207e+01
100. a . 0.5 1 3 n 10 root * 6.30266888113e+01
100. a . 0.5 1 3 n 11 root * 6.928503740430e+01
100. a . 0.5 1 3 n 12 root * 7.5527287612378e+01
100. a . 0.5 1 3 n 13 root * 8.180694235172e+01
100. a . 0.5 1 3 n 14 root * 8.808092842909e+01
100. a . 0.5 1 3 n 15 root * 9.439906329490e+01
100. a . 0.5 1 3 n 16 root * 1.0063030249035e+02
100. a . 0.5 1 3 n 17 root * 1.069084794900e+02
100. a . 0.5 1 3 n 18 root * 1.131874251808e+02
100. a . 0.5 1 3 n 19 root * 1.1946103051029e+02
100. a . 0.5 1 3 n 20 root * 1.2577818191071e+02
100. a . 0.5 1 3 n 21 root * 1.3201783970496e+02
100. a . 0.5 1 3 n 22 root * 1.382988887925e+02
100. a . 0.5 1 3 n 23 root * 1.445763007937e+02
100. a . 0.5 1 3 n 24 root * 1.508562729897e+02
100. a . 0.5 1 3 n 25 root * 1.571360397993e+02
100. a . 0.5 1 3 n 26 root * 1.634152783438e+02
100. a . 0.5 1 3 n 27 root * 1.6969674360018e+02
100. a . 0.5 1 3 n 28 root * 1.7597740304915e+02
100. a . 0.5 1 3 n 29 root * 1.822582980059e+02
100. a . 0.5 1 3 n 30 root * 1.8853922688305e+02

c
c

100. a . 0.5 1 4 n 1 root * 8.7997483941882e+00
100. a . 0.5 1 4 n 2 root * 1.400994989812e+01
100. a . 0.5 1 4 n 3 root * 1.926888866785e+01
100. a . 0.5 1 4 n 4 root * 2.599527588995e+01
100. a . 0.5 1 4 n 5 root * 3.2026129819388e+01
100. a . 0.5 1 4 n 6 root * 3.826828488889e+01
100. a . 0.5 1 4 n 7 root * 4.44868070726e+01
100. a . 0.5 1 4 n 8 root * 5.064197875071e+01
100. a . 0.5 1 4 n 9 root * 5.6881410292675e+01
100. a . 0.5 1 4 n 10 root * 6.312951185778e+01
100. a . 0.5 1 4 n 11 root * 6.93894486025e+01
100. a . 0.5 1 4 n 12 root * 7.564314085393e+01
100. a . 0.5 1 4 n 13 root * 8.189008338889e+01
100. a . 0.5 1 4 n 14 root * 8.817176604118e+01
100. a . 0.5 1 4 n 15 root * 9.443638887535e+01
100. a . 0.5 1 4 n 16 root * 1.007079494265e+02
100. a . 0.5 1 4 n 17 root * 1.0698130272819e+02
100. a . 0.5 1 4 n 18 root * 1.132940503872e+02
100. a . 0.5 1 4 n 19 root * 1.196278785762e+02
100. a . 0.5 1 4 n 20 root * 1.25980281834787e+02
100. a . 0.5 1 4 n 21 root * 1.323704304942e+02
100. a . 0.5 1 4 n 22 root * 1.387897884275e+02
100. a . 0.5 1 4 n 23 root * 1.448318378893e+02
100. a . 0.5 1 4 n 24 root * 1.509006084631e+02
100. a . 0.5 1 4 n 25 root * 1.5718894681894e+02
100. a . 0.5 1 4 n 26 root * 1.6346527618887e+02
100. a . 0.5 1 4 n 27 root * 1.697438888847e+02
100. a . 0.5 1 4 n 28 root * 1.760288894219e+02
100. a . 0.5 1 4 n 29 root * 1.8230213388875e+02
100. a . 0.5 1 4 n 30 root * 1.8858188198728e+02

```

c
c
100 .a .a .5 . 5 .n 1 root = 9.6773124715737e+00
100 .a .a .5 . 5 .n 2 root = 1.471736390947e+01
100 .a .a .5 . 5 .n 3 root = 2.0366136632943e+01
100 .a .a .5 . 5 .n 4 root = 2.6273267686118e+01
100 .a .a .5 . 5 .n 5 root = 3.233793810528e+01
100 .a .a .5 . 5 .n 6 root = 3.8497225202436e+01
100 .a .a .5 . 5 .n 7 root = 4.4832662897000e+01
100 .a .a .5 . 5 .n 8 root = 5.1332400611525e+01
100 .a .a .5 . 5 .n 9 root = 5.797094227652e+01
100 .a .a .5 . 5 .n 10 root = 6.472763332889e+01
100 .a .a .5 . 5 .n 11 root = 7.159020427620e+01
100 .a .a .5 . 5 .n 12 root = 7.853079312193e+01
100 .a .a .5 . 5 .n 13 root = 8.562907877923e+01
100 .a .a .5 . 5 .n 14 root = 9.28616821932e+01
100 .a .a .5 . 5 .n 15 root = 9.994571903030e+01
100 .a .a .5 . 5 .n 16 root = 1.068030884143e+02
100 .a .a .5 . 5 .n 17 root = 1.134747614478e+02
100 .a .a .5 . 5 .n 18 root = 1.199424030940e+02
100 .a .a .5 . 5 .n 19 root = 1.2621166273757e+02
100 .a .a .5 . 5 .n 20 root = 1.322923111368e+02
100 .a .a .5 . 5 .n 21 root = 1.3819415056907e+02
100 .a .a .5 . 5 .n 22 root = 1.439270192247e+02
100 .a .a .5 . 5 .n 23 root = 1.4947007833622e+02
100 .a .a .5 . 5 .n 24 root = 1.5493575337911e+02
100 .a .a .5 . 5 .n 25 root = 1.6022506889391e+02
100 .a .a .5 . 5 .n 26 root = 1.6534241024306e+02
100 .a .a .5 . 5 .n 27 root = 1.702832369483e+02
100 .a .a .5 . 5 .n 28 root = 1.750508236618e+02
100 .a .a .5 . 5 .n 29 root = 1.806566874393e+02
100 .a .a .5 . 5 .n 30 root = 1.861049376392e+02

```

```

c
c
100 .a .a .5 . 6 .n 1 root = 1.0704684470303e+01
100 .a .a .5 . 6 .n 2 root = 1.550339494749e+01
100 .a .a .5 . 6 .n 3 root = 2.0933018180035e+01
100 .a .a .5 . 6 .n 4 root = 2.6733622559132e+01
100 .a .a .5 . 6 .n 5 root = 3.2707376152223e+01
100 .a .a .5 . 6 .n 6 root = 3.877867468479e+01
100 .a .a .5 . 6 .n 7 root = 4.498234462315e+01
100 .a .a .5 . 6 .n 8 root = 5.1275132384787e+01
100 .a .a .5 . 6 .n 9 root = 5.7621318946940e+01
100 .a .a .5 . 6 .n 10 root = 6.397735710274e+01
100 .a .a .5 . 6 .n 11 root = 7.030052229503e+01
100 .a .a .5 . 6 .n 12 root = 7.6593694761189e+01
100 .a .a .5 . 6 .n 13 root = 8.274363207789e+01
100 .a .a .5 . 6 .n 14 root = 8.8821090326340e+01
100 .a .a .5 . 6 .n 15 root = 9.482844639035e+01
100 .a .a .5 . 6 .n 16 root = 1.007612671539e+02
100 .a .a .5 . 6 .n 17 root = 1.071882930118e+02
100 .a .a .5 . 6 .n 18 root = 1.134463501820e+02
100 .a .a .5 . 6 .n 19 root = 1.197119620478e+02
100 .a .a .5 . 6 .n 20 root = 1.2597789701612e+02
100 .a .a .5 . 6 .n 21 root = 1.322448270439e+02
100 .a .a .5 . 6 .n 22 root = 1.385137165318e+02
100 .a .a .5 . 6 .n 23 root = 1.4478321182183e+02
100 .a .a .5 . 6 .n 24 root = 1.50944827039e+02
100 .a .a .5 . 6 .n 25 root = 1.5710888812380e+02
100 .a .a .5 . 6 .n 26 root = 1.632863671403e+02
100 .a .a .5 . 6 .n 27 root = 1.6947646611978e+02
100 .a .a .5 . 6 .n 28 root = 1.7614784109285e+02
100 .a .a .5 . 6 .n 29 root = 1.8282880488775e+02
100 .a .a .5 . 6 .n 30 root = 1.8962031937711e+02

```

```

c
c
c
se * 100. a = 0.5 | = 7 n = 1      root = 1.1769953209991e+01
se * 100. a = 0.5 | = 7 n = 2      root = 1.6376303099999e+01
se * 100. a = 0.5 | = 7 n = 3      root = 2.1801394943047e+01
se * 100. a = 0.5 | = 7 n = 4      root = 2.7226646111109e+01
se * 100. a = 0.5 | = 7 n = 5      root = 3.3134717369294e+01
se * 100. a = 0.5 | = 7 n = 6      root = 3.9136361080924e+01
se * 100. a = 0.5 | = 7 n = 7      root = 4.5213946630211e+01
se * 100. a = 0.5 | = 7 n = 8      root = 5.1349180389999e+01
se * 100. a = 0.5 | = 7 n = 9      root = 5.7511767993999e+01
se * 100. a = 0.5 | = 7 n = 10     root = 6.3679746953179e+01
se * 100. a = 0.5 | = 7 n = 11     root = 6.9901494290634e+01
se * 100. a = 0.5 | = 7 n = 12     root = 7.6118044621610e+01
se * 100. a = 0.5 | = 7 n = 13     root = 8.2344794006359e+01
se * 100. a = 0.5 | = 7 n = 14     root = 8.8579446132067e+01
se * 100. a = 0.5 | = 7 n = 15     root = 9.4820742288299e+01
se * 100. a = 0.5 | = 7 n = 16     root = 1.0108669463900e+02
se * 100. a = 0.5 | = 7 n = 17     root = 1.0731746888874e+02
se * 100. a = 0.5 | = 7 n = 18     root = 1.1357170580915e+02
se * 100. a = 0.5 | = 7 n = 19     root = 1.1983963299792e+02
se * 100. a = 0.5 | = 7 n = 20     root = 1.2603776827361e+02
se * 100. a = 0.5 | = 7 n = 21     root = 1.3226084453735e+02
se * 100. a = 0.5 | = 7 n = 22     root = 1.3851480921362e+02
se * 100. a = 0.5 | = 7 n = 23     root = 1.4480043363462e+02
se * 100. a = 0.5 | = 7 n = 24     root = 1.5114791919196e+02
se * 100. a = 0.5 | = 7 n = 25     root = 1.5741588832950e+02
se * 100. a = 0.5 | = 7 n = 26     root = 1.6369339910951e+02
se * 100. a = 0.5 | = 7 n = 27     root = 1.6999059101773e+02
se * 100. a = 0.5 | = 7 n = 28     root = 1.7622733174010e+02
se * 100. a = 0.5 | = 7 n = 29     root = 1.8240499610939e+02
se * 100. a = 0.5 | = 7 n = 30     root = 1.8877051909522e+02

c
c
c
se * 100. a = 0.5 | = 8 n = 1      root = 1.2694006028274e+01
se * 100. a = 0.5 | = 8 n = 2      root = 1.7311147479301e+01
se * 100. a = 0.5 | = 8 n = 3      root = 2.2388133639311e+01
se * 100. a = 0.5 | = 8 n = 4      root = 2.7941711909943e+01
se * 100. a = 0.5 | = 8 n = 5      root = 3.3617900578269e+01
se * 100. a = 0.5 | = 8 n = 6      root = 3.9596204762096e+01
se * 100. a = 0.5 | = 8 n = 7      root = 4.5773991768771e+01
se * 100. a = 0.5 | = 8 n = 8      root = 5.1660930197227e+01
se * 100. a = 0.5 | = 8 n = 9      root = 5.790079970502e+01
se * 100. a = 0.5 | = 8 n = 10     root = 6.3992915188970e+01
se * 100. a = 0.5 | = 8 n = 11     root = 7.0130434218690e+01
se * 100. a = 0.5 | = 8 n = 12     root = 7.6329321107408e+01
se * 100. a = 0.5 | = 8 n = 13     root = 8.2581168571144e+01
se * 100. a = 0.5 | = 8 n = 14     root = 8.8780139470524e+01
se * 100. a = 0.5 | = 8 n = 15     root = 9.493333818399e+01
se * 100. a = 0.5 | = 8 n = 16     root = 1.0103263269961e+02
se * 100. a = 0.5 | = 8 n = 17     root = 1.0746832321000e+02
se * 100. a = 0.5 | = 8 n = 18     root = 1.1371262388894e+02
se * 100. a = 0.5 | = 8 n = 19     root = 1.198622695936e+02
se * 100. a = 0.5 | = 8 n = 20     root = 1.2591724994004e+02
se * 100. a = 0.5 | = 8 n = 21     root = 1.3247176574171e+02
se * 100. a = 0.5 | = 8 n = 22     root = 1.3873066299946e+02
se * 100. a = 0.5 | = 8 n = 23     root = 1.4489306253129e+02
se * 100. a = 0.5 | = 8 n = 24     root = 1.5115234002498e+02
se * 100. a = 0.5 | = 8 n = 25     root = 1.5741795780674e+02
se * 100. a = 0.5 | = 8 n = 26     root = 1.6370319438929e+02
se * 100. a = 0.5 | = 8 n = 27     root = 1.7000077347998e+02
se * 100. a = 0.5 | = 8 n = 28     root = 1.7631814184939e+02
se * 100. a = 0.5 | = 8 n = 29     root = 1.8263724944978e+02
se * 100. a = 0.5 | = 8 n = 30     root = 1.8897930369935e+02

```


c
c
c

58 = 100. a = 0.5 i = 11 n = 1 root = 1.6159151029988e+01
59 = 100. a = 0.5 i = 11 n = 2 root = 2.0419825102361e+01
60 = 100. a = 0.5 i = 11 n = 3 root = 2.491836955612e+01
61 = 100. a = 0.5 i = 11 n = 4 root = 2.98295878049e+01
62 = 100. a = 0.5 i = 11 n = 5 root = 3.537879400208e+01
63 = 100. a = 0.5 i = 11 n = 6 root = 4.1051287773695e+01
64 = 100. a = 0.5 i = 11 n = 7 root = 4.6881242376823e+01
65 = 100. a = 0.5 i = 11 n = 8 root = 5.2816126136775e+01
66 = 100. a = 0.5 i = 11 n = 9 root = 5.887894335271e+01
67 = 100. a = 0.5 i = 11 n = 10 root = 6.48943212695e+01
68 = 100. a = 0.5 i = 11 n = 11 root = 7.098328746716e+01
69 = 100. a = 0.5 i = 11 n = 12 root = 7.71232943675e+01
70 = 100. a = 0.5 i = 11 n = 13 root = 8.329499279851e+01
71 = 100. a = 0.5 i = 11 n = 14 root = 8.943501126925e+01
72 = 100. a = 0.5 i = 11 n = 15 root = 9.562010521059e+01
73 = 100. a = 0.5 i = 11 n = 16 root = 1.018172421597e+02
74 = 100. a = 0.5 i = 11 n = 17 root = 1.082434876131e+02
75 = 100. a = 0.5 i = 11 n = 18 root = 1.142978929108e+02
76 = 100. a = 0.5 i = 11 n = 19 root = 1.2046227371915e+02
77 = 100. a = 0.5 i = 11 n = 20 root = 1.268907603027e+02
78 = 100. a = 0.5 i = 11 n = 21 root = 1.33594039794e+02
79 = 100. a = 0.5 i = 11 n = 22 root = 1.391651037823e+02
80 = 100. a = 0.5 i = 11 n = 23 root = 1.449450410107e+02
81 = 100. a = 0.5 i = 11 n = 24 root = 1.510930434876e+02
82 = 100. a = 0.5 i = 11 n = 25 root = 1.576933262361e+02
83 = 100. a = 0.5 i = 11 n = 26 root = 1.641436663637e+02
84 = 100. a = 0.5 i = 11 n = 27 root = 1.7048279246119e+02
85 = 100. a = 0.5 i = 11 n = 28 root = 1.765933522571e+02
86 = 100. a = 0.5 i = 11 n = 29 root = 1.8251576883668e+02
87 = 100. a = 0.5 i = 11 n = 30 root = 1.8917491392075e+02

c
c
c

58 = 100. a = 0.5 i = 12 n = 1 root = 1.7259632362081e+01
59 = 100. a = 0.5 i = 12 n = 2 root = 2.1511851762519e+01
60 = 100. a = 0.5 i = 12 n = 3 root = 2.5982775709480e+01
61 = 100. a = 0.5 i = 12 n = 4 root = 3.0762369489205e+01
62 = 100. a = 0.5 i = 12 n = 5 root = 3.5835325394371e+01
63 = 100. a = 0.5 i = 12 n = 6 root = 4.133940892371e+01
64 = 100. a = 0.5 i = 12 n = 7 root = 4.739966767805e+01
65 = 100. a = 0.5 i = 12 n = 8 root = 5.327446686163e+01
66 = 100. a = 0.5 i = 12 n = 9 root = 5.9223360190367e+01
67 = 100. a = 0.5 i = 12 n = 10 root = 6.529924729200e+01
68 = 100. a = 0.5 i = 12 n = 11 root = 7.132239762279e+01
69 = 100. a = 0.5 i = 12 n = 12 root = 7.7424467941321e+01
70 = 100. a = 0.5 i = 12 n = 13 root = 8.3653404988881e+01
71 = 100. a = 0.5 i = 12 n = 14 root = 8.9702779733105e+01
72 = 100. a = 0.5 i = 12 n = 15 root = 9.58711462634e+01
73 = 100. a = 0.5 i = 12 n = 16 root = 1.020532262218e+02
74 = 100. a = 0.5 i = 12 n = 17 root = 1.0824678897117e+02
75 = 100. a = 0.5 i = 12 n = 18 root = 1.1449500757279e+02
76 = 100. a = 0.5 i = 12 n = 19 root = 1.208169160395e+02
77 = 100. a = 0.5 i = 12 n = 20 root = 1.2699032001693e+02
78 = 100. a = 0.5 i = 12 n = 21 root = 1.3310510041661e+02
79 = 100. a = 0.5 i = 12 n = 22 root = 1.3933905705107e+02
80 = 100. a = 0.5 i = 12 n = 23 root = 1.455998873574e+02
81 = 100. a = 0.5 i = 12 n = 24 root = 1.5188626467005e+02
82 = 100. a = 0.5 i = 12 n = 25 root = 1.58191357335e+02
83 = 100. a = 0.5 i = 12 n = 26 root = 1.6429692716788e+02
84 = 100. a = 0.5 i = 12 n = 27 root = 1.7048279246119e+02
85 = 100. a = 0.5 i = 12 n = 28 root = 1.7676429576781e+02
86 = 100. a = 0.5 i = 12 n = 29 root = 1.830470392944e+02
87 = 100. a = 0.5 i = 12 n = 30 root = 1.893183771219e+02

c
c

58 = 100. a = 0.6 i = 2 n = 1 root = 8.4221172807045e+00
58 = 100. a = 0.6 i = 2 n = 2 root = 1.5965203391535e+01
58 = 100. a = 0.6 i = 2 n = 3 root = 2.3747638329768e+01
58 = 100. a = 0.6 i = 2 n = 4 root = 3.1949512232257e+01
58 = 100. a = 0.6 i = 2 n = 5 root = 3.9576032949435e+01
58 = 100. a = 0.8 i = 2 n = 6 root = 4.7204804678257e+01
58 = 100. a = 0.6 i = 2 n = 7 root = 5.5043777525125e+01
58 = 100. a = 0.6 i = 2 n = 8 root = 6.2939414884374e+01
58 = 100. a = 0.6 i = 2 n = 9 root = 7.0731933333000e+01
58 = 100. a = 0.6 i = 2 n = 10 root = 7.8576481519081e+01
58 = 100. a = 0.6 i = 2 n = 11 root = 8.6466579176356e+01
58 = 100. a = 0.6 i = 2 n = 12 root = 9.4279236721127e+01
58 = 100. a = 0.6 i = 2 n = 13 root = 1.0212574129181e+02
58 = 100. a = 0.6 i = 2 n = 14 root = 1.0937622233494e+02
58 = 100. a = 0.6 i = 2 n = 15 root = 1.1762717537643e+02
58 = 100. a = 0.6 i = 2 n = 16 root = 1.2576750421410e+02
58 = 100. a = 0.6 i = 2 n = 17 root = 1.3363014502107e+02
58 = 100. a = 0.6 i = 2 n = 18 root = 1.4133504332074e+02
58 = 100. a = 0.6 i = 2 n = 19 root = 1.4927316262432e+02
58 = 100. a = 0.6 i = 2 n = 20 root = 1.5708497125752e+02
58 = 100. a = 0.6 i = 2 n = 21 root = 1.6483333705311e+02
58 = 100. a = 0.6 i = 2 n = 22 root = 1.7279194039388e+02
58 = 100. a = 0.6 i = 2 n = 23 root = 1.8069426360770e+02
58 = 100. a = 0.6 i = 2 n = 24 root = 1.8847091521354e+02
58 = 100. a = 0.6 i = 2 n = 25 root = 1.9635001181614e+02
58 = 100. a = 0.6 i = 2 n = 26 root = 2.0420301374930e+02
58 = 100. a = 0.6 i = 2 n = 27 root = 2.1209368251054e+02
58 = 100. a = 0.6 i = 2 n = 28 root = 2.1999322794946e+02
58 = 100. a = 0.6 i = 2 n = 29 root = 2.2776242433377e+02
58 = 100. a = 0.6 i = 2 n = 30 root = 2.3551567460434e+02

c
c

58 = 100. a = 0.6 i = 3 n = 1 root = 8.973650030775e+00
58 = 100. a = 0.6 i = 3 n = 2 root = 1.6303943683136e+01
58 = 100. a = 0.6 i = 3 n = 3 root = 2.369959187493e+01
58 = 100. a = 0.6 i = 3 n = 4 root = 3.1773511200259e+01
58 = 100. a = 0.6 i = 3 n = 5 root = 3.949578777406e+01
58 = 100. a = 0.6 i = 3 n = 6 root = 4.731070043398e+01
58 = 100. a = 0.6 i = 3 n = 7 root = 5.513494520381e+01
58 = 100. a = 0.6 i = 3 n = 8 root = 6.296337471733e+01
58 = 100. a = 0.6 i = 3 n = 9 root = 7.080223369353e+01
58 = 100. a = 0.6 i = 3 n = 10 root = 7.864259773459e+01
58 = 100. a = 0.6 i = 3 n = 11 root = 8.648462514452e+01
58 = 100. a = 0.6 i = 3 n = 12 root = 9.4328871733914e+01
58 = 100. a = 0.6 i = 3 n = 13 root = 1.0217499309462e+02
58 = 100. a = 0.6 i = 3 n = 14 root = 1.102188577056e+02
58 = 100. a = 0.6 i = 3 n = 15 root = 1.176895145352e+02
58 = 100. a = 0.6 i = 3 n = 16 root = 1.2571623692604e+02
58 = 100. a = 0.6 i = 3 n = 17 root = 1.3367931949496e+02
58 = 100. a = 0.6 i = 3 n = 18 root = 1.414141741335065e+02
58 = 100. a = 0.6 i = 3 n = 19 root = 1.4935767250466e+02
58 = 100. a = 0.6 i = 3 n = 20 root = 1.5711630371662e+02
58 = 100. a = 0.6 i = 3 n = 21 root = 1.6483333705311e+02
58 = 100. a = 0.6 i = 3 n = 22 root = 1.7262047351758e+02
58 = 100. a = 0.6 i = 3 n = 23 root = 1.8067194473142e+02
58 = 100. a = 0.6 i = 3 n = 24 root = 1.8892351268371e+02
58 = 100. a = 0.6 i = 3 n = 25 root = 1.9637947693865e+02
58 = 100. a = 0.6 i = 3 n = 26 root = 2.0422790150437e+02
58 = 100. a = 0.6 i = 3 n = 27 root = 2.1207889183134e+02
58 = 100. a = 0.6 i = 3 n = 28 root = 2.1993196339423e+02
58 = 100. a = 0.6 i = 3 n = 29 root = 2.2778437571918e+02
58 = 100. a = 0.6 i = 3 n = 30 root = 2.3563667613024e+02

c
c

```
50 n 100. a .a .0.6 i .a 6 n .a 1 root = 1.1312319988170e+01
50 n 100. a .a .0.6 i .a 6 n .a 2 root = 1.736388848871e+01
50 n 100. a .a .0.6 i .a 6 n .a 3 root = 2.4576173046538e+01
50 n 100. a .a .0.6 i .a 6 n .a 4 root = 3.2468840838715e+01
50 n 100. a .a .0.6 i .a 6 n .a 5 root = 4.0127000183874e+01
50 n 100. a .a .0.6 i .a 6 n .a 6 root = 4.78384667113374e+01
50 n 100. a .a .0.6 i .a 6 n .a 7 root = 5.5588346294375e+01
50 n 100. a .a .0.6 i .a 6 n .a 8 root = 6.3361858536778e+01
50 n 100. a .a .0.6 i .a 6 n .a 9 root = 7.1194846234874e+01
50 n 100. a .a .0.6 i .a 6 n .a 10 root = 7.8959461904911e+01
50 n 100. a .a .0.6 i .a 6 n .a 11 root = 8.6773220404959e+01
50 n 100. a .a .0.6 i .a 6 n .a 12 root = 9.453024416325e+01
50 n 100. a .a .0.6 i .a 6 n .a 13 root = 1.0241916739059e+02
50 n 100. a .a .0.6 i .a 6 n .a 14 root = 1.102487507794e+02
50 n 100. a .a .0.6 i .a 6 n .a 15 root = 1.1808193302701e+02
50 n 100. a .a .0.6 i .a 6 n .a 16 root = 1.2591704925143e+02
50 n 100. a .a .0.6 i .a 6 n .a 17 root = 1.337468246958e+02
50 n 100. a .a .0.6 i .a 6 n .a 18 root = 1.4159413002361e+02
50 n 100. a .a .0.6 i .a 6 n .a 19 root = 1.4943810445288e+02
50 n 100. a .a .0.6 i .a 6 n .a 20 root = 1.572775763943e+02
50 n 100. a .a .0.6 i .a 6 n .a 21 root = 1.6512076182768e+02
50 n 100. a .a .0.6 i .a 6 n .a 22 root = 1.729510306275e+02
50 n 100. a .a .0.6 i .a 6 n .a 23 root = 1.8081023287402e+02
50 n 100. a .a .0.6 i .a 6 n .a 24 root = 1.8869203888011e+02
50 n 100. a .a .0.6 i .a 6 n .a 25 root = 1.9659276338211e+02
50 n 100. a .a .0.6 i .a 6 n .a 26 root = 2.0439680014021e+02
50 n 100. a .a .0.6 i .a 6 n .a 27 root = 2.1219783786317e+02
50 n 100. a .a .0.6 i .a 6 n .a 28 root = 2.2000042631488e+02
50 n 100. a .a .0.6 i .a 6 n .a 29 root = 2.27798412471871e+02
50 n 100. a .a .0.6 i .a 6 n .a 30 root = 2.3574298856124e+02
```

c
c

```
50 n 100. a .a .0.5 i .a 7 n .a 1 root = 1.22369e+1 1.9094e+01
50 n 100. a .a .0.5 i .a 7 n .a 2 root = 1.8407601252788e+01
50 n 100. a .a .0.5 i .a 7 n .a 3 root = 2.5441638471947e+01
50 n 100. a .a .0.5 i .a 7 n .a 4 root = 3.2844368202098e+01
50 n 100. a .a .0.5 i .a 7 n .a 5 root = 4.0417894629573e+01
50 n 100. a .a .0.5 i .a 7 n .a 6 root = 4.8080004180130e+01
50 n 100. a .a .0.5 i .a 7 n .a 7 root = 5.579904012292e+01
50 n 100. a .a .0.5 i .a 7 n .a 8 root = 6.3948275342411e+01
50 n 100. a .a .0.5 i .a 7 n .a 9 root = 7.131846845263e+01
50 n 100. a .a .0.5 i .a 7 n .a 10 root = 7.910719382498e+01
50 n 100. a .a .0.5 i .a 7 n .a 11 root = 8.6907842297460e+01
50 n 100. a .a .0.5 i .a 7 n .a 12 root = 9.471694408284e+01
50 n 100. a .a .0.5 i .a 7 n .a 13 root = 1.0253307046065e+02
50 n 100. a .a .0.5 i .a 7 n .a 14 root = 1.1039457295795e+02
50 n 100. a .a .0.5 i .a 7 n .a 15 root = 1.1818039438516e+02
50 n 100. a .a .0.5 i .a 7 n .a 16 root = 1.2600970173990e+02
50 n 100. a .a .0.5 i .a 7 n .a 17 root = 1.3388190376888e+02
50 n 100. a .a .0.5 i .a 7 n .a 18 root = 1.416768888888e+02
50 n 100. a .a .0.5 i .a 7 n .a 19 root = 1.4951118130383e+02
50 n 100. a .a .0.5 i .a 7 n .a 20 root = 1.5739419500394e+02
50 n 100. a .a .0.5 i .a 7 n .a 21 root = 1.6519142818720e+02
50 n 100. a .a .0.5 i .a 7 n .a 22 root = 1.7303288116718e+02
50 n 100. a .a .0.5 i .a 7 n .a 23 root = 1.8087482311958e+02
50 n 100. a .a .0.5 i .a 7 n .a 24 root = 1.8871809482473e+02
50 n 100. a .a .0.5 i .a 7 n .a 25 root = 1.9658244801888e+02
50 n 100. a .a .0.5 i .a 7 n .a 26 root = 2.0446888883320e+02
50 n 100. a .a .0.5 i .a 7 n .a 27 root = 2.1228288883374e+02
50 n 100. a .a .0.5 i .a 7 n .a 28 root = 2.2000000000000e+02
50 n 100. a .a .0.5 i .a 7 n .a 29 root = 2.27798412471871e+02
50 n 100. a .a .0.5 i .a 7 n .a 30 root = 2.3574298856124e+02
```

c
c
c

```

se 100. a 0.6 1 8 n 1 root = 1.3212852388898e+01
se 100. a 0.6 1 8 n 2 root = 1.9118875657701e+01
se 100. a 0.6 1 8 n 3 root = 2.558187773323e+01
se 100. a 0.6 1 8 n 4 root = 3.324886060914e+01
se 100. a 0.6 1 8 n 5 root = 4.0746311363730e+01
se 100. a 0.6 1 8 n 6 root = 4.838885930801e+01
se 100. a 0.6 1 8 n 7 root = 5.6034611388876e+01
se 100. a 0.6 1 8 n 8 root = 6.379339470363e+01
se 100. a 0.6 1 8 n 9 root = 7.157536333315e+01
se 100. a 0.6 1 8 n 10 root = 7.93770462454e+01
se 100. a 0.6 1 8 n 11 root = 8.708104225735e+01
se 100. a 0.6 1 8 n 12 root = 9.4687702361208e+01
se 100. a 0.6 1 8 n 13 root = 1.02283310421927e+02
se 100. a 0.6 1 8 n 14 root = 1.104753946177e+02
se 100. a 0.6 1 8 n 15 root = 1.1859320757383e+02
se 100. a 0.6 1 8 n 16 root = 1.2611951733752e+02
se 100. a 0.6 1 8 n 17 root = 1.3394153468711e+02
se 100. a 0.6 1 8 n 18 root = 1.4177094574985e+02
se 100. a 0.6 1 8 n 19 root = 1.498023047912e+02
se 100. a 0.6 1 8 n 20 root = 1.574363029323e+02
se 100. a 0.6 1 8 n 21 root = 1.652721431074e+02
se 100. a 0.6 1 8 n 22 root = 1.731032284882e+02
se 100. a 0.6 1 8 n 23 root = 1.809459447223e+02
se 100. a 0.6 1 8 n 24 root = 1.8878871327508e+02
se 100. a 0.6 1 8 n 25 root = 1.9662938470876e+02
se 100. a 0.6 1 8 n 26 root = 2.044723138883e+02
se 100. a 0.6 1 8 n 27 root = 2.1231534680310e+02
se 100. a 0.6 1 8 n 28 root = 2.2015823676357e+02
se 100. a 0.6 1 8 n 29 root = 2.2800382195914e+02
se 100. a 0.6 1 8 n 30 root = 2.3584903193246e+02

```

c
c
c

```

se 100. a 0.5 1 9 n 1 root = 1.4218881330387e-01
se 100. a 0.5 1 9 n 2 root = 1.988942608313e+01
se 100. a 0.5 1 9 n 3 root = 2.657681827846e+01
se 100. a 0.5 1 9 n 4 root = 3.36885777812e+01
se 100. a 0.5 1 9 n 5 root = 4.111373076004e+01
se 100. a 0.5 1 9 n 6 root = 4.888883212835e+01
se 100. a 0.5 1 9 n 7 root = 5.630232290799e+01
se 100. a 0.5 1 9 n 8 root = 6.393075786934e+01
se 100. a 0.5 1 9 n 9 root = 7.171510438168e+01
se 100. a 0.5 1 9 n 10 root = 7.9464809348005e+01
se 100. a 0.5 1 9 n 11 root = 8.7233319309379e+01
se 100. a 0.5 1 9 n 12 root = 9.501887631681e+01
se 100. a 0.5 1 9 n 13 root = 1.028385129491e+02
se 100. a 0.5 1 9 n 14 root = 1.1051117473853e+02
se 100. a 0.5 1 9 n 15 root = 1.184200179483e+02
se 100. a 0.5 1 9 n 16 root = 1.263394481833e+02
se 100. a 0.5 1 9 n 17 root = 1.340535319893e+02
se 100. a 0.5 1 9 n 18 root = 1.416784804780e+02
se 100. a 0.5 1 9 n 19 root = 1.4970283381971e+02
se 100. a 0.5 1 9 n 20 root = 1.5753158783876e+02
se 100. a 0.5 1 9 n 21 root = 1.6526291121931e+02
se 100. a 0.5 1 9 n 22 root = 1.731032284882e+02
se 100. a 0.5 1 9 n 23 root = 1.8103164873351e+02
se 100. a 0.5 1 9 n 24 root = 1.8896817522739e+02
se 100. a 0.5 1 9 n 25 root = 1.9670827786297e+02
se 100. a 0.5 1 9 n 26 root = 2.044723138883e+02
se 100. a 0.5 1 9 n 27 root = 2.1238800373074e+02
se 100. a 0.5 1 9 n 28 root = 2.2027378188884e+02
se 100. a 0.5 1 9 n 29 root = 2.280266187468e+02
se 100. a 0.5 1 9 n 30 root = 2.3584903193246e+02

```

c
c

se = 100. a = 0.6 i = 10 n = 1
se = 100. a = 0.6 i = 10 n = 2
se = 100. a = 0.6 i = 10 n = 3
se = 100. a = 0.6 i = 10 n = 4
se = 100. a = 0.6 i = 10 n = 5
se = 100. a = 0.6 i = 10 n = 6
se = 100. a = 0.6 i = 10 n = 7
se = 100. a = 0.6 i = 10 n = 8
se = 100. a = 0.6 i = 10 n = 9
se = 100. a = 0.6 i = 10 n = 10
se = 100. a = 0.6 i = 10 n = 11
se = 100. a = 0.6 i = 10 n = 12
se = 100. a = 0.6 i = 10 n = 13
se = 100. a = 0.6 i = 10 n = 14
se = 100. a = 0.6 i = 10 n = 15
se = 100. a = 0.6 i = 10 n = 16
se = 100. a = 0.6 i = 10 n = 17
se = 100. a = 0.6 i = 10 n = 18
se = 100. a = 0.6 i = 10 n = 19
se = 100. a = 0.6 i = 10 n = 20
se = 100. a = 0.6 i = 10 n = 21
se = 100. a = 0.6 i = 10 n = 22
se = 100. a = 0.6 i = 10 n = 23
se = 100. a = 0.6 i = 10 n = 24
se = 100. a = 0.6 i = 10 n = 25
se = 100. a = 0.6 i = 10 n = 26
se = 100. a = 0.6 i = 10 n = 27
se = 100. a = 0.6 i = 10 n = 28
se = 100. a = 0.6 i = 10 n = 29
se = 100. a = 0.6 i = 10 n = 30

root = 1.5249007211863e+01
root = 2.070693942933e+01
root = 2.716022019461e+01
root = 3.419169670239e+01
root = 4.151861708239e+01
root = 4.9009324913819e+01
root = 5.683957462520e+01
root = 6.425113389999e+01
root = 7.197470032943e+01
root = 8.025713399302e+01
root = 8.742437520496e+01
root = 9.519124138199e+01
root = 1.025713399302e+02
root = 1.07618635763e+02
root = 1.1666077159537e+02
root = 1.2638295950506e+02
root = 1.341739794329e+02
root = 1.419399450259e+02
root = 1.498198076906e+02
root = 1.578379388829e+02
root = 1.659637114349e+02
root = 1.732326946735e+02
root = 1.81129522959e+02
root = 1.895994309430e+02
root = 1.967910169749e+02
root = 2.04627089251e+02
root = 2.124944661949e+02
root = 2.2030308412511e+02
root = 2.2814270186127e+02
root = 2.3593363379361e+02

c
c

se = 100. a = 0.6 i = 11 n = 1
se = 100. a = 0.6 i = 11 n = 2
se = 100. a = 0.6 i = 11 n = 3
se = 100. a = 0.6 i = 11 n = 4
se = 100. a = 0.6 i = 11 n = 5
se = 100. a = 0.6 i = 11 n = 6
se = 100. a = 0.6 i = 11 n = 7
se = 100. a = 0.6 i = 11 n = 8
se = 100. a = 0.6 i = 11 n = 9
se = 100. a = 0.6 i = 11 n = 10
se = 100. a = 0.6 i = 11 n = 11
se = 100. a = 0.6 i = 11 n = 12
se = 100. a = 0.6 i = 11 n = 13
se = 100. a = 0.6 i = 11 n = 14
se = 100. a = 0.6 i = 11 n = 15
se = 100. a = 0.6 i = 11 n = 16
se = 100. a = 0.6 i = 11 n = 17
se = 100. a = 0.6 i = 11 n = 18
se = 100. a = 0.6 i = 11 n = 19
se = 100. a = 0.6 i = 11 n = 20
se = 100. a = 0.6 i = 11 n = 21
se = 100. a = 0.6 i = 11 n = 22
se = 100. a = 0.6 i = 11 n = 23
se = 100. a = 0.6 i = 11 n = 24
se = 100. a = 0.6 i = 11 n = 25
se = 100. a = 0.6 i = 11 n = 26
se = 100. a = 0.6 i = 11 n = 27
se = 100. a = 0.6 i = 11 n = 28
se = 100. a = 0.6 i = 11 n = 29
se = 100. a = 0.6 i = 11 n = 30

root = 1.6296739916845e+01
root = 2.1574813997189e+01
root = 2.7632330740139e+01
root = 3.4727142700310e+01
root = 4.19593059994e+01
root = 4.932270861959e+01
root = 5.682275321186e+01
root = 6.443294032103e+01
root = 7.200229439495e+01
root = 7.9594721040199e+01
root = 8.7634097701488e+01
root = 9.539395791996e+01
root = 1.031403393306e+02
root = 1.1092740994957e+02
root = 1.187194295176e+02
root = 1.26511509392e+02
root = 1.343142784627e+02
root = 1.421230774030e+02
root = 1.499303760133e+02
root = 1.57757194609e+02
root = 1.655742708005e+02
root = 1.733933762907e+02
root = 1.81224782494e+02
root = 1.890546803057e+02
root = 1.968941905168e+02
root = 2.04716999959e+02
root = 2.125977653991e+02
root = 2.2038292399152e+02
root = 2.2822307103782e+02
root = 2.3593363379361e+02


```

c
c
c
se = 100. a = 0.7 i = 1 n = 1 root = 1.05705999+3727i+01
se = 100. a = 0.7 i = 1 n = 2 root = 2.0970636532625e+01
se = 100. a = 0.7 i = 1 n = 3 root = 3.148304693187e+01
se = 100. a = 0.7 i = 1 n = 4 root = 4.1808883627029e+01
se = 100. a = 0.7 i = 1 n = 5 root = 5.2323842171830e+01
se = 100. a = 0.7 i = 1 n = 6 root = 6.3021266791955e+01
se = 100. a = 0.7 i = 1 n = 7 root = 7.389999957773e+01
se = 100. a = 0.7 i = 1 n = 8 root = 8.4756533576336e+01
se = 100. a = 0.7 i = 1 n = 9 root = 9.4622613038915e+01
se = 100. a = 0.7 i = 1 n = 10 root = 1.0470007168957e+02
se = 100. a = 0.7 i = 1 n = 11 root = 1.1517060098182e+02
se = 100. a = 0.7 i = 1 n = 12 root = 1.2681747329175e+02
se = 100. a = 0.7 i = 1 n = 13 root = 1.361284779910e+02
se = 100. a = 0.7 i = 1 n = 14 root = 1.4698407318349e+02
se = 100. a = 0.7 i = 1 n = 15 root = 1.5705396837626e+02
se = 100. a = 0.7 i = 1 n = 16 root = 1.675266363504e+02
se = 100. a = 0.7 i = 1 n = 17 root = 1.7938279010888e+02
se = 100. a = 0.7 i = 1 n = 18 root = 1.8946880943288e+02
se = 100. a = 0.7 i = 1 n = 19 root = 1.988413841984e+02
se = 100. a = 0.7 i = 1 n = 20 root = 2.0941300112613e+02
se = 100. a = 0.7 i = 1 n = 21 root = 2.1989462194973e+02
se = 100. a = 0.7 i = 1 n = 22 root = 2.3036531121059e+02
se = 100. a = 0.7 i = 1 n = 23 root = 2.4082603748943e+02
se = 100. a = 0.7 i = 1 n = 24 root = 2.5129769773946e+02
se = 100. a = 0.7 i = 1 n = 25 root = 2.6177151377259e+02
se = 100. a = 0.7 i = 1 n = 26 root = 2.72247327930275e+02
se = 100. a = 0.7 i = 1 n = 27 root = 2.8271506040099e+02
se = 100. a = 0.7 i = 1 n = 28 root = 2.931868753274e+02
se = 100. a = 0.7 i = 1 n = 29 root = 3.036626201685e+02
se = 100. a = 0.7 i = 1 n = 30 root = 3.141304819819e+02
c
c
c
se = 100. a = 0.7 i = 2 n = 1 root = 1.0826339451375e+01
se = 100. a = 0.7 i = 2 n = 2 root = 2.1114032511885e+01
se = 100. a = 0.7 i = 2 n = 3 root = 3.1518770376519e+01
se = 100. a = 0.7 i = 2 n = 4 root = 4.1956830916388e+01
se = 100. a = 0.7 i = 2 n = 5 root = 5.2446339774447e+01
se = 100. a = 0.7 i = 2 n = 6 root = 6.2886743613129e+01
se = 100. a = 0.7 i = 2 n = 7 root = 7.3289793088099e+01
se = 100. a = 0.7 i = 2 n = 8 root = 8.3759046970307e+01
se = 100. a = 0.7 i = 2 n = 9 root = 9.4265937320174e+01
se = 100. a = 0.7 i = 2 n = 10 root = 1.0472729408349e+02
se = 100. a = 0.7 i = 2 n = 11 root = 1.1519561758224e+02
se = 100. a = 0.7 i = 2 n = 12 root = 1.2589491200974e+02
se = 100. a = 0.7 i = 2 n = 13 root = 1.3613384205760e+02
se = 100. a = 0.7 i = 2 n = 14 root = 1.4680205779826e+02
se = 100. a = 0.7 i = 2 n = 15 root = 1.5707395946231e+02
se = 100. a = 0.7 i = 2 n = 16 root = 1.6784962639477e+02
se = 100. a = 0.7 i = 2 n = 17 root = 1.7804133302823e+02
se = 100. a = 0.7 i = 2 n = 18 root = 1.8849487043237e+02
se = 100. a = 0.7 i = 2 n = 19 root = 1.9889746703034e+02
se = 100. a = 0.7 i = 2 n = 20 root = 2.0928946709474e+02
se = 100. a = 0.7 i = 2 n = 21 root = 2.1966794736399e+02
se = 100. a = 0.7 i = 2 n = 22 root = 2.300677650145e+02
se = 100. a = 0.7 i = 2 n = 23 root = 2.4089360233946e+02
se = 100. a = 0.7 i = 2 n = 24 root = 2.5131113671800e+02
se = 100. a = 0.7 i = 2 n = 25 root = 2.617824828910e+02
se = 100. a = 0.7 i = 2 n = 26 root = 2.722557794785e+02
se = 100. a = 0.7 i = 2 n = 27 root = 2.827261674184e+02
se = 100. a = 0.7 i = 2 n = 28 root = 2.931988016800e+02
se = 100. a = 0.7 i = 2 n = 29 root = 3.036626201685e+02
se = 100. a = 0.7 i = 2 n = 30 root = 3.141304819819e+02

```


c
c

ss = 100. a = 0.7 l = 3 n = 1
ss = 100. a = 0.7 l = 3 n = 2
ss = 100. a = 0.7 l = 3 n = 3
ss = 100. a = 0.7 l = 3 n = 4
ss = 100. a = 0.7 l = 3 n = 5
ss = 100. a = 0.7 l = 3 n = 6
ss = 100. a = 0.7 l = 3 n = 7
ss = 100. a = 0.7 l = 3 n = 8
ss = 100. a = 0.7 l = 3 n = 9
ss = 100. a = 0.7 l = 3 n = 10
ss = 100. a = 0.7 l = 3 n = 11
ss = 100. a = 0.7 l = 3 n = 12
ss = 100. a = 0.7 l = 3 n = 13
ss = 100. a = 0.7 l = 3 n = 14
ss = 100. a = 0.7 l = 3 n = 15
ss = 100. a = 0.7 l = 3 n = 16
ss = 100. a = 0.7 l = 3 n = 17
ss = 100. a = 0.7 l = 3 n = 18
ss = 100. a = 0.7 l = 3 n = 19
ss = 100. a = 0.7 l = 3 n = 20
ss = 100. a = 0.7 l = 3 n = 21
ss = 100. a = 0.7 l = 3 n = 22
ss = 100. a = 0.7 l = 3 n = 23
ss = 100. a = 0.7 l = 3 n = 24
ss = 100. a = 0.7 l = 3 n = 25
ss = 100. a = 0.7 l = 3 n = 26
ss = 100. a = 0.7 l = 3 n = 27
ss = 100. a = 0.7 l = 3 n = 28
ss = 100. a = 0.7 l = 3 n = 29
ss = 100. a = 0.7 l = 3 n = 30

root = 1.121794727788e+01
root = 2.113159405735e+01
root = 3.169437932994e+01
root = 4.209882204689e+01
root = 5.249012123821e+01
root = 6.294859278113e+01
root = 7.338741749179e+01
root = 8.384732094299e+01
root = 9.432942220994e+01
root = 1.047623992e+02
root = 1.15234922772e+02
root = 1.25839292229e+02
root = 1.3619532772017e+02
root = 1.466320050793e+02
root = 1.5710086193353e+02
root = 1.6769944627266e+02
root = 1.780394114994e+02
root = 1.8850771124873e+02
root = 1.98772398705e+02
root = 2.0944711347769e+02
root = 2.1981713946867e+02
root = 2.303872427294e+02
root = 2.4069770006624e+02
root = 2.515291922994e+02
root = 2.6176260311897e+02
root = 2.7228251829492e+02
root = 2.8274032810430e+02
root = 2.932112202915e+02
root = 3.0388218773994e+02
root = 3.1415322211979e+02

c
c

ss = 100. a = 0.7 l = 4 n = 1
ss = 100. a = 0.7 l = 4 n = 2
ss = 100. a = 0.7 l = 4 n = 3
ss = 100. a = 0.7 l = 4 n = 4
ss = 100. a = 0.7 l = 4 n = 5
ss = 100. a = 0.7 l = 4 n = 6
ss = 100. a = 0.7 l = 4 n = 7
ss = 100. a = 0.7 l = 4 n = 8
ss = 100. a = 0.7 l = 4 n = 9
ss = 100. a = 0.7 l = 4 n = 10
ss = 100. a = 0.7 l = 4 n = 11
ss = 100. a = 0.7 l = 4 n = 12
ss = 100. a = 0.7 l = 4 n = 13
ss = 100. a = 0.7 l = 4 n = 14
ss = 100. a = 0.7 l = 4 n = 15
ss = 100. a = 0.7 l = 4 n = 16
ss = 100. a = 0.7 l = 4 n = 17
ss = 100. a = 0.7 l = 4 n = 18
ss = 100. a = 0.7 l = 4 n = 19
ss = 100. a = 0.7 l = 4 n = 20
ss = 100. a = 0.7 l = 4 n = 21
ss = 100. a = 0.7 l = 4 n = 22
ss = 100. a = 0.7 l = 4 n = 23
ss = 100. a = 0.7 l = 4 n = 24
ss = 100. a = 0.7 l = 4 n = 25
ss = 100. a = 0.7 l = 4 n = 26
ss = 100. a = 0.7 l = 4 n = 27
ss = 100. a = 0.7 l = 4 n = 28
ss = 100. a = 0.7 l = 4 n = 29
ss = 100. a = 0.7 l = 4 n = 30

root = 1.1707110816126e+01
root = 2.1361361613097e+01
root = 3.1834317571861e+01
root = 4.219450927230e+01
root = 5.252699942171e+01
root = 6.3029294394223e+01
root = 7.346226622006e+01
root = 8.391293904262e+01
root = 9.438383851374e+01
root = 1.048228337238e+02
root = 1.152824175092e+02
root = 1.2574403357461e+02
root = 1.3620729773816e+02
root = 1.466717793973e+02
root = 1.571372594957e+02
root = 1.676933511825e+02
root = 1.780394117347e+02
root = 1.885030329493e+02
root = 1.9877031947800e+02
root = 2.094743956274e+02
root = 2.19814284079e+02
root = 2.3038714294900e+02
root = 2.4088142760946e+02
root = 2.5130083129734e+02
root = 2.618203333335e+02
root = 2.722820003922e+02
root = 2.827409071000e+02
root = 2.93207113220e+02
root = 3.0377010294020e+02
root = 3.141741351414e+02

```

c
c
100. a . 0.7 1 5 n 1 root = 1.229076632214e+01
100. a . 0.7 1 5 n 2 root = 2.1909160184622e+01
100. a . 0.7 1 5 n 3 root = 3.2057685178632e+01
100. a . 0.7 1 5 n 4 root = 4.2363433076335e+01
100. a . 0.7 1 5 n 5 root = 5.273466511274e+01
100. a . 0.7 1 5 n 6 root = 6.31888699213e+01
100. a . 0.7 1 5 n 7 root = 7.365244952032e+01
100. a . 0.7 1 5 n 8 root = 8.395804107315e+01
100. a . 0.7 1 5 n 9 root = 9.444168883779e+01
100. a . 0.7 1 5 n 10 root = 1.0468097529429e+02
100. a . 0.7 1 5 n 11 root = 1.1534437611167e+02
100. a . 0.7 1 5 n 12 root = 1.2590087191413e+02
100. a . 0.7 1 5 n 13 root = 1.3625874e20952e+02
100. a . 0.7 1 5 n 14 root = 1.4672046334033e+02
100. a . 0.7 1 5 n 15 root = 1.5718272016732e+02
100. a . 0.7 1 5 n 16 root = 1.6784617317725e+02
100. a . 0.7 1 5 n 17 root = 1.781102862530e+02
100. a . 0.7 1 5 n 18 root = 1.8857591782485e+02
100. a . 0.7 1 5 n 19 root = 1.9904191115380e+02
100. a . 0.7 1 5 n 20 root = 2.09505623221e+02
100. a . 0.7 1 5 n 21 root = 2.199750601822e+02
100. a . 0.7 1 5 n 22 root = 2.304315245193e+02
100. a . 0.7 1 5 n 23 root = 2.409110639907e+02
100. a . 0.7 1 5 n 24 root = 2.51378522365e+02
100. a . 0.7 1 5 n 25 root = 2.618479170762e+02
100. a . 0.7 1 5 n 26 root = 2.721674421592e+02
100. a . 0.7 1 5 n 27 root = 2.827655042144e+02
100. a . 0.7 1 5 n 28 root = 2.9329507301916e+02
100. a . 0.7 1 5 n 29 root = 3.0372452817688e+02
100. a . 0.7 1 5 n 30 root = 3.141915133669e+02

```

```

c
c
100. a . 0.7 1 6 n 1 root = 1.2995161472214e+01
100. a . 0.7 1 6 n 2 root = 2.263292022324e+01
100. a . 0.7 1 6 n 3 root = 3.232414246326e+01
100. a . 0.7 1 6 n 4 root = 4.265811833377e+01
100. a . 0.7 1 6 n 5 root = 5.289331028833e+01
100. a . 0.7 1 6 n 6 root = 6.32748697148e+01
100. a . 0.7 1 6 n 7 root = 7.377091062118e+01
100. a . 0.7 1 6 n 8 root = 8.410068875506e+01
100. a . 0.7 1 6 n 9 root = 9.453243583530e+01
100. a . 0.7 1 6 n 10 root = 1.049726857750e+02
100. a . 0.7 1 6 n 11 root = 1.154186905326e+02
100. a . 0.7 1 6 n 12 root = 1.258690091876e+02
100. a . 0.7 1 6 n 13 root = 1.3632265146370e+02
100. a . 0.7 1 6 n 14 root = 1.467789769328e+02
100. a . 0.7 1 6 n 15 root = 1.572372929430e+02
100. a . 0.7 1 6 n 16 root = 1.676973059500e+02
100. a . 0.7 1 6 n 17 root = 1.781587682333e+02
100. a . 0.7 1 6 n 18 root = 1.8862137591518e+02
100. a . 0.7 1 6 n 19 root = 1.9909497898265e+02
100. a . 0.7 1 6 n 20 root = 2.0956941861507e+02
100. a . 0.7 1 6 n 21 root = 2.200457943068e+02
100. a . 0.7 1 6 n 22 root = 2.304936517464e+02
100. a . 0.7 1 6 n 23 root = 2.4094989881387e+02
100. a . 0.7 1 6 n 24 root = 2.5141342334780e+02
100. a . 0.7 1 6 n 25 root = 2.6188029461300e+02
100. a . 0.7 1 6 n 26 root = 2.723492336631e+02
100. a . 0.7 1 6 n 27 root = 2.828161188423e+02
100. a . 0.7 1 6 n 28 root = 2.93289430449733e+02
100. a . 0.7 1 6 n 29 root = 3.037575200375e+02
100. a . 0.7 1 6 n 30 root = 3.142214346651e+02

```

c
c

```
5# 100 .a . 0.7 1 . 7 n . 1 root = 1.369069098773e+01
5# 100 .a . 0.7 1 . 7 n . 2 root = 2.273778365761e+01
5# 100 .a . 0.7 1 . 7 n . 3 root = 3.2652146936360e+01
5# 100 .a . 0.7 1 . 7 n . 4 root = 4.2799238104025e+01
5# 100 .a . 0.7 1 . 7 n . 5 root = 5.3025746011166e+01
5# 100 .a . 0.7 1 . 7 n . 6 root = 6.34525223104e+01
5# 100 .a . 0.7 1 . 7 n . 7 root = 7.3811460606022e+01
5# 100 .a . 0.7 1 . 7 n . 8 root = 8.421894536243e+01
5# 100 .a . 0.7 1 . 7 n . 9 root = 9.4636912711439e+01
5# 100 .a . 0.7 1 . 7 n . 10 root = 1.0506794558023e+02
5# 100 .a . 0.7 1 . 7 n . 11 root = 1.1520533013119e+02
5# 100 .a . 0.7 1 . 7 n . 12 root = 1.2524945733394e+02
5# 100 .a . 0.7 1 . 7 n . 13 root = 1.3533600863675e+02
5# 100 .a . 0.7 1 . 7 n . 14 root = 1.4499470411762e+02
5# 100 .a . 0.7 1 . 7 n . 15 root = 1.5730066676686e+02
5# 100 .a . 0.7 1 . 7 n . 16 root = 1.6775931049336e+02
5# 100 .a . 0.7 1 . 7 n . 17 root = 1.7621469134903e+02
5# 100 .a . 0.7 1 . 7 n . 18 root = 1.6867459576074e+02
5# 100 .a . 0.7 1 . 7 n . 19 root = 1.9913513505204e+02
5# 100 .a . 0.7 1 . 7 n . 20 root = 2.0939714494274e+02
5# 100 .a . 0.7 1 . 7 n . 21 root = 2.2006003140392e+02
5# 100 .a . 0.7 1 . 7 n . 22 root = 2.3022174386329e+02
5# 100 .a . 0.7 1 . 7 n . 23 root = 2.40088117366753e+02
5# 100 .a . 0.7 1 . 7 n . 24 root = 2.5145323238094e+02
5# 100 .a . 0.7 1 . 7 n . 25 root = 2.6151894385763e+02
5# 100 .a . 0.7 1 . 7 n . 26 root = 2.7239494463822e+02
5# 100 .a . 0.7 1 . 7 n . 27 root = 2.8295148031756e+02
5# 100 .a . 0.7 1 . 7 n . 28 root = 2.9331840436256e+02
5# 100 .a . 0.7 1 . 7 n . 29 root = 3.078567662614e+02
5# 100 .a . 0.7 1 . 7 n . 30 root = 3.1425326730330e+02
```

c
c

```
5# 100 .a . 0.7 1 . 8 n . 1 root = 1.447620510491e+01
5# 100 .a . 0.7 1 . 8 n . 2 root = 2.3239475197374e+01
5# 100 .a . 0.7 1 . 8 n . 3 root = 3.2980741035839e+01
5# 100 .a . 0.7 1 . 8 n . 4 root = 4.306640509993e+01
5# 100 .a . 0.7 1 . 8 n . 5 root = 5.330703326262e+01
5# 100 .a . 0.7 1 . 8 n . 6 root = 6.36125993141719e+01
5# 100 .a . 0.7 1 . 8 n . 7 root = 7.3993303693638e+01
5# 100 .a . 0.7 1 . 8 n . 8 root = 8.43946262681025e+01
5# 100 .a . 0.7 1 . 8 n . 9 root = 9.47969437769374e+01
5# 100 .a . 0.7 1 . 8 n . 10 root = 1.0517670820009e+02
5# 100 .a . 0.7 1 . 8 n . 11 root = 1.1560427013275e+02
5# 100 .a . 0.7 1 . 8 n . 12 root = 1.2631819789474e+02
5# 100 .a . 0.7 1 . 8 n . 13 root = 1.3647980131695e+02
5# 100 .a . 0.7 1 . 8 n . 14 root = 1.4692487093935e+02
5# 100 .a . 0.7 1 . 8 n . 15 root = 1.5737351178037e+02
5# 100 .a . 0.7 1 . 8 n . 16 root = 1.6782507236940e+02
5# 100 .a . 0.7 1 . 8 n . 17 root = 1.7827902435807e+02
5# 100 .a . 0.7 1 . 8 n . 18 root = 1.8873497800176e+02
5# 100 .a . 0.7 1 . 8 n . 19 root = 1.991929223304e+02
5# 100 .a . 0.7 1 . 8 n . 20 root = 2.096516793121e+02
5# 100 .a . 0.7 1 . 8 n . 21 root = 2.2011197407681e+02
5# 100 .a . 0.7 1 . 8 n . 22 root = 2.3057332464636e+02
5# 100 .a . 0.7 1 . 8 n . 23 root = 2.4103260210336e+02
5# 100 .a . 0.7 1 . 8 n . 24 root = 2.514989973633e+02
5# 100 .a . 0.7 1 . 8 n . 25 root = 2.6196246211515e+02
5# 100 .a . 0.7 1 . 8 n . 26 root = 2.724260800184e+02
5# 100 .a . 0.7 1 . 8 n . 27 root = 2.8289188939434e+02
5# 100 .a . 0.7 1 . 8 n . 28 root = 2.9335773269310e+02
5# 100 .a . 0.7 1 . 8 n . 29 root = 3.0382330798217e+02
5# 100 .a . 0.7 1 . 8 n . 30 root = 3.1428963295663e+02
```

```

c
c
c
se 100. a 0.7 1 9 n 1 root = 1.53169442879884+01
se 100. a 0.7 1 9 n 2 root = 2.37631628849577+01
se 100. a 0.7 1 9 n 3 root = 3.33687011182724+01
se 100. a 0.7 1 9 n 4 root = 4.33694981357474+01
se 100. a 0.7 1 9 n 5 root = 5.36418411762946+01
se 100. a 0.7 1 9 n 6 root = 6.3814503794620+01
se 100. a 0.7 1 9 n 7 root = 7.41430686887424+01
se 100. a 0.7 1 9 n 8 root = 8.46266770080164+01
se 100. a 0.7 1 9 n 9 root = 9.4682652652657+01
se 100. a 0.7 1 9 n 10 root = 1.05296837591884+02
se 100. a 0.7 1 9 n 11 root = 1.15719480702074+02
se 100. a 0.7 1 9 n 12 root = 1.2614109513224+02
se 100. a 0.7 1 9 n 13 root = 1.3657400309324+02
se 100. a 0.7 1 9 n 14 root = 1.47012382351234+02
se 100. a 0.7 1 9 n 15 root = 1.57466219303574+02
se 100. a 0.7 1 9 n 16 root = 1.6790168724487+02
se 100. a 0.7 1 9 n 17 root = 1.78361147582634+02
se 100. a 0.7 1 9 n 18 root = 1.8883310324669+02
se 100. a 0.7 1 9 n 19 root = 1.99257161129434+02
se 100. a 0.7 1 9 n 20 root = 2.09713007395334+02
se 100. a 0.7 1 9 n 21 root = 2.2017087243074+02
se 100. a 0.7 1 9 n 22 root = 2.3063091492504+02
se 100. a 0.7 1 9 n 23 root = 2.4108946204464+02
se 100. a 0.7 1 9 n 24 root = 2.51546813200774+02
se 100. a 0.7 1 9 n 25 root = 2.620116868834+02
se 100. a 0.7 1 9 n 26 root = 2.72474105138214+02
se 100. a 0.7 1 9 n 27 root = 2.8293734022254+02
se 100. a 0.7 1 9 n 28 root = 2.9340123252114+02
se 100. a 0.7 1 9 n 29 root = 3.0386662200374+02
se 100. a 0.7 1 9 n 30 root = 3.1433095202922+02

c
c
c
se 100. a 0.7 1 10 n 1 root = 1.610577704389+01
se 100. a 0.7 1 10 n 2 root = 2.4378453601036+01
se 100. a 0.7 1 10 n 3 root = 3.37947221940434+01
se 100. a 0.7 1 10 n 4 root = 4.366877190449+01
se 100. a 0.7 1 10 n 5 root = 5.3930078849774+01
se 100. a 0.7 1 10 n 6 root = 6.4038174974381+01
se 100. a 0.7 1 10 n 7 root = 7.435662615164+01
se 100. a 0.7 1 10 n 8 root = 8.4676553304304+01
se 100. a 0.7 1 10 n 9 root = 9.50461102674144+01
se 100. a 0.7 1 10 n 10 root = 1.0543496604824+02
se 100. a 0.7 1 10 n 11 root = 1.1583582378204+02
se 100. a 0.7 1 10 n 12 root = 1.26294949414434+02
se 100. a 0.7 1 10 n 13 root = 1.3681860861864+02
se 100. a 0.7 1 10 n 14 root = 1.4731093683974+02
se 100. a 0.7 1 10 n 15 root = 1.5778656268364+02
se 100. a 0.7 1 10 n 16 root = 1.6788778223834+02
se 100. a 0.7 1 10 n 17 root = 1.78431251750074+02
se 100. a 0.7 1 10 n 18 root = 1.8867877220334+02
se 100. a 0.7 1 10 n 19 root = 1.98328661636534+02
se 100. a 0.7 1 10 n 20 root = 2.0978113324724+02
se 100. a 0.7 1 10 n 21 root = 2.2023277304164+02
se 100. a 0.7 1 10 n 22 root = 2.3069103226554+02
se 100. a 0.7 1 10 n 23 root = 2.4114680887774+02
se 100. a 0.7 1 10 n 24 root = 2.5160860637024+02
se 100. a 0.7 1 10 n 25 root = 2.6208694670704+02
se 100. a 0.7 1 10 n 26 root = 2.7268039441954+02
se 100. a 0.7 1 10 n 27 root = 2.8298783228284+02
se 100. a 0.7 1 10 n 28 root = 2.9344956688204+02
se 100. a 0.7 1 10 n 29 root = 3.03881263801514+02
se 100. a 0.7 1 10 n 30 root = 3.14378867240304+02

```

```

c
c
**= 100. a ** 0.7 i ** 11 n = 1      root = 1.7105730177992e+01
**= 100. a ** 0.7 i ** 11 n = 2      root = 2.5013219940460e+01
**= 100. a ** 0.7 i ** 11 n = 3      root = 3.4297439943395e+01
**= 100. a ** 0.7 i ** 11 n = 4      root = 4.4051453993995e+01
**= 100. a ** 0.7 i ** 11 n = 5      root = 5.4099704943915e+01
**= 100. a ** 0.7 i ** 11 n = 6      root = 6.4283360539901e+01
**= 100. a ** 0.7 i ** 11 n = 7      root = 7.4549942943900e+01
**= 100. a ** 0.7 i ** 11 n = 8      root = 8.4881169182739e+01
**= 100. a ** 0.7 i ** 11 n = 9      root = 9.5210409176625e+01
**= 100. a ** 0.7 i ** 11 n = 10     root = 1.0599361176502e+02
**= 100. a ** 0.7 i ** 11 n = 11     root = 1.192767492013e+02
**= 100. a ** 0.7 i ** 11 n = 12     root = 1.2637891572657e+02
**= 100. a ** 0.7 i ** 11 n = 13     root = 1.3679398205299e+02
**= 100. a ** 0.7 i ** 11 n = 14     root = 1.4721638167697e+02
**= 100. a ** 0.7 i ** 11 n = 15     root = 1.5764670101695e+02
**= 100. a ** 0.7 i ** 11 n = 16     root = 1.6808032617687e+02
**= 100. a ** 0.7 i ** 11 n = 17     root = 1.7851323629231e+02
**= 100. a ** 0.7 i ** 11 n = 18     root = 1.8896197991099e+02
**= 100. a ** 0.7 i ** 11 n = 19     root = 1.9942770367699e+02
**= 100. a ** 0.7 i ** 11 n = 20     root = 2.0990904789097e+02
**= 100. a ** 0.7 i ** 11 n = 21     root = 2.203963961691e+02
**= 100. a ** 0.7 i ** 11 n = 22     root = 2.3078916337797e+02
**= 100. a ** 0.7 i ** 11 n = 23     root = 2.4112133764618e+02
**= 100. a ** 0.7 i ** 11 n = 24     root = 2.5148997027792e+02
**= 100. a ** 0.7 i ** 11 n = 25     root = 2.621266302603e+02
**= 100. a ** 0.7 i ** 11 n = 26     root = 2.7299420601395e+02
**= 100. a ** 0.7 i ** 11 n = 27     root = 2.839943720944e+02
**= 100. a ** 0.7 i ** 11 n = 28     root = 2.950345171575e+02
**= 100. a ** 0.7 i ** 11 n = 29     root = 3.062145069910e+02
**= 100. a ** 0.7 i ** 11 n = 30     root = 3.1442998720773e+02

c
c
**= 100. a ** 0.7 i ** 12 n = 1      root = 1.8049631895000e+01
**= 100. a ** 0.7 i ** 12 n = 2      root = 2.5990280941989e+01
**= 100. a ** 0.7 i ** 12 n = 3      root = 3.4799449069999e+01
**= 100. a ** 0.7 i ** 12 n = 4      root = 4.443699156999e+01
**= 100. a ** 0.7 i ** 12 n = 5      root = 5.4441613042000e+01
**= 100. a ** 0.7 i ** 12 n = 6      root = 6.4949795790750e+01
**= 100. a ** 0.7 i ** 12 n = 7      root = 7.477577792949e+01
**= 100. a ** 0.7 i ** 12 n = 8      root = 8.5063921023129e+01
**= 100. a ** 0.7 i ** 12 n = 9      root = 9.5390921794277e+01
**= 100. a ** 0.7 i ** 12 n = 10     root = 1.057499294409e+02
**= 100. a ** 0.7 i ** 12 n = 11     root = 1.1612763870789e+02
**= 100. a ** 0.7 i ** 12 n = 12     root = 1.2651499819409e+02
**= 100. a ** 0.7 i ** 12 n = 13     root = 1.3691199011899e+02
**= 100. a ** 0.7 i ** 12 n = 14     root = 1.4732839121149e+02
**= 100. a ** 0.7 i ** 12 n = 15     root = 1.577944492929e+02
**= 100. a ** 0.7 i ** 12 n = 16     root = 1.683023279539e+02
**= 100. a ** 0.7 i ** 12 n = 17     root = 1.788538073105e+02
**= 100. a ** 0.7 i ** 12 n = 18     root = 1.8945270499399e+02
**= 100. a ** 0.7 i ** 12 n = 19     root = 1.9949367913633e+02
**= 100. a ** 0.7 i ** 12 n = 20     root = 2.099374920471e+02
**= 100. a ** 0.7 i ** 12 n = 21     root = 2.2039494762300e+02
**= 100. a ** 0.7 i ** 12 n = 22     root = 2.307891667403e+02
**= 100. a ** 0.7 i ** 12 n = 23     root = 2.411299495931116e+02
**= 100. a ** 0.7 i ** 12 n = 24     root = 2.514871935933e+02
**= 100. a ** 0.7 i ** 12 n = 25     root = 2.621914689999e+02
**= 100. a ** 0.7 i ** 12 n = 26     root = 2.72994710169309e+02
**= 100. a ** 0.7 i ** 12 n = 27     root = 2.839943899999e+02
**= 100. a ** 0.7 i ** 12 n = 28     root = 2.950345189999e+02
**= 100. a ** 0.7 i ** 12 n = 29     root = 3.062145099999e+02
**= 100. a ** 0.7 i ** 12 n = 30     root = 3.1448021309999e+02

```

```

c
c
c
58 100. a . 0.7 i 13 n 1 root = 1.80072596000011e+01
58 100. a . 0.7 i 13 n 2 root = 2.84046163300002e+01
58 100. a . 0.7 i 13 n 3 root = 3.82873194945002e+01
58 100. a . 0.7 i 13 n 4 root = 4.4682653389749e+01
58 100. a . 0.7 i 13 n 5 root = 5.47829949194000e+01
58 100. a . 0.7 i 13 n 6 root = 6.4637258778495e+01
58 100. a . 0.7 i 13 n 7 root = 7.50290039949506e+01
58 100. a . 0.7 i 13 n 8 root = 8.5201671255123e+01
58 100. a . 0.7 i 13 n 9 root = 9.9926087232500e+01
58 100. a . 0.7 i 13 n 10 root = 1.0732195344475e+02
58 100. a . 0.7 i 13 n 11 root = 1.1528253618077e+02
58 100. a . 0.7 i 13 n 12 root = 1.25881347114302e+02
58 100. a . 0.7 i 13 n 13 root = 1.370949418119e+02
58 100. a . 0.7 i 13 n 14 root = 1.479888946379e+02
58 100. a . 0.7 i 13 n 15 root = 1.578701738858e+02
58 100. a . 0.7 i 13 n 16 root = 1.6829279437302e+02
58 100. a . 0.7 i 13 n 17 root = 1.7871934197067e+02
58 100. a . 0.7 i 13 n 18 root = 1.8818094953103e+02
58 100. a . 0.7 i 13 n 19 root = 1.9988677919226e+02
58 100. a . 0.7 i 13 n 20 root = 2.1003621141978e+02
58 100. a . 0.7 i 13 n 21 root = 2.2046873115955e+02
58 100. a . 0.7 i 13 n 22 root = 2.3091391941123e+02
58 100. a . 0.7 i 13 n 23 root = 2.413614267037e+02
58 100. a . 0.7 i 13 n 24 root = 2.5181097294326e+02
58 100. a . 0.7 i 13 n 25 root = 2.6226237969513e+02
58 100. a . 0.7 i 13 n 26 root = 2.7271522269773e+02
58 100. a . 0.7 i 13 n 27 root = 2.8316974663688e+02
58 100. a . 0.7 i 13 n 28 root = 2.9362511249433e+02
58 100. a . 0.7 i 13 n 29 root = 3.040819460433e+02
58 100. a . 0.7 i 13 n 30 root = 3.1453957247694e+02

c
c
c
58 100. a . 0.7 i 14 n 1 root = 1.9987600001513e+01
58 100. a . 0.7 i 14 n 2 root = 2.715339606827e+01
58 100. a . 0.7 i 14 n 3 root = 3.5951613412379e+01
58 100. a . 0.7 i 14 n 4 root = 4.5301369336793e+01
58 100. a . 0.7 i 14 n 5 root = 5.512118494016e+01
58 100. a . 0.7 i 14 n 6 root = 6.5149476421702e+01
58 100. a . 0.7 i 14 n 7 root = 7.5259146049495e+01
58 100. a . 0.7 i 14 n 8 root = 8.5516112982108e+01
58 100. a . 0.7 i 14 n 9 root = 9.5794264692808e+01
58 100. a . 0.7 i 14 n 10 root = 1.0611036031199e+02
58 100. a . 0.7 i 14 n 11 root = 1.1849420312387e+02
58 100. a . 0.7 i 14 n 12 root = 1.2681924951937e+02
58 100. a . 0.7 i 14 n 13 root = 1.3720046303697e+02
58 100. a . 0.7 i 14 n 14 root = 1.476942636793e+02
58 100. a . 0.7 i 14 n 15 root = 1.5789888117920e+02
58 100. a . 0.7 i 14 n 16 root = 1.6941180205775e+02
58 100. a . 0.7 i 14 n 17 root = 1.7883125700512e+02
58 100. a . 0.7 i 14 n 18 root = 1.882623394921e+02
58 100. a . 0.7 i 14 n 19 root = 1.9988699430041e+02
58 100. a . 0.7 i 14 n 20 root = 2.10121444633638e+02
58 100. a . 0.7 i 14 n 21 root = 2.205594940380e+02
58 100. a . 0.7 i 14 n 22 root = 2.3100053942105e+02
58 100. a . 0.7 i 14 n 23 root = 2.41444430039295e+02
58 100. a . 0.7 i 14 n 24 root = 2.518894462934e+02
58 100. a . 0.7 i 14 n 25 root = 2.6233287231038e+02
58 100. a . 0.7 i 14 n 26 root = 2.727899818495e+02
58 100. a . 0.7 i 14 n 27 root = 2.8324018410062e+02
58 100. a . 0.7 i 14 n 28 root = 2.936832659481e+02
58 100. a . 0.7 i 14 n 29 root = 3.0414782280729e+02
58 100. a . 0.7 i 14 n 30 root = 3.1460316307989e+02

```

```

c
c
c
** 100.  a  .  0.7  |  15  n  1  root = 2.09836144091133e+01
** 100.  a  .  0.7  |  15  n  2  root = 2.7337582374629e+01
** 100.  a  .  0.7  |  15  n  3  root = 3.0946666703022e+01
** 100.  a  .  0.7  |  15  n  4  root = 4.57734200888839e+01
** 100.  a  .  0.7  |  15  n  5  root = 5.30632657037594e+01
** 100.  a  .  0.7  |  15  n  6  root = 6.59471697260114e+01
** 100.  a  .  0.7  |  15  n  7  root = 7.3575961701374e+01
** 100.  a  .  0.7  |  15  n  8  root = 8.5765619239265e+01
** 100.  a  .  0.7  |  15  n  9  root = 9.60179186813034e+01
** 100.  a  .  0.7  |  15  n  10  root = 1.06312276247856e+02
** 100.  a  .  0.7  |  15  n  11  root = 1.16236633131594e+02
** 100.  a  .  0.7  |  15  n  12  root = 1.25939213267111e+02
** 100.  a  .  0.7  |  15  n  13  root = 1.37366666691404e+02
** 100.  a  .  0.7  |  15  n  14  root = 1.47739712162444e+02
** 100.  a  .  0.7  |  15  n  15  root = 1.58134502531195e+02
** 100.  a  .  0.7  |  15  n  16  root = 1.69530949791104e+02
** 100.  a  .  0.7  |  15  n  17  root = 1.76951091987611e+02
** 100.  a  .  0.7  |  15  n  18  root = 1.83366623616874e+02
** 100.  a  .  0.7  |  15  n  19  root = 1.98794314209444e+02
** 100.  a  .  0.7  |  15  n  20  root = 2.10223439444403e+02
** 100.  a  .  0.7  |  15  n  21  root = 2.20256619105344e+02
** 100.  a  .  0.7  |  15  n  22  root = 2.31090312076292e+02
** 100.  a  .  0.7  |  15  n  23  root = 2.41533060169434e+02
** 100.  a  .  0.7  |  15  n  24  root = 2.51579440235292e+02
** 100.  a  .  0.7  |  15  n  25  root = 2.6240262770734e+02
** 100.  a  .  0.7  |  15  n  26  root = 2.72867127223211e+02
** 100.  a  .  0.7  |  15  n  27  root = 2.83313946166004e+02
** 100.  a  .  0.7  |  15  n  28  root = 2.93766621152178e+02
** 100.  a  .  0.7  |  15  n  29  root = 3.04218083036534e+02
** 100.  a  .  0.7  |  15  n  30  root = 3.14671262207974e+02

c
c
c
** 500.  a  .  0.1  |  1  n  1  root = 4.5219295717719e+00
** 500.  a  .  0.1  |  1  n  2  root = 7.0457578014660e+00
** 500.  a  .  0.1  |  1  n  3  root = 1.11822515933404e+01
** 500.  a  .  0.1  |  1  n  4  root = 1.48533102146136e+01
** 500.  a  .  0.1  |  1  n  5  root = 1.7924415311505e+01
** 500.  a  .  0.1  |  1  n  6  root = 2.1376388157201e+01
** 500.  a  .  0.1  |  1  n  7  root = 2.4613003935336e+01
** 500.  a  .  0.1  |  1  n  8  root = 2.80118381173124e+01
** 500.  a  .  0.1  |  1  n  9  root = 3.1718232894415e+01
** 500.  a  .  0.1  |  1  n  10  root = 3.5180869533809e+01
** 500.  a  .  0.1  |  1  n  11  root = 3.88477449232574e+01
** 500.  a  .  0.1  |  1  n  12  root = 4.21184333396534e+01
** 500.  a  .  0.1  |  1  n  13  root = 4.59913820212854e+01
** 500.  a  .  0.1  |  1  n  14  root = 4.9876809594444e+01
** 500.  a  .  0.1  |  1  n  15  root = 5.29452947889935e+01
** 300.  a  .  0.1  |  1  n  16  root = 5.6024810129302e+01
** 500.  a  .  0.1  |  1  n  17  root = 5.9503269566954e+01
** 500.  a  .  0.1  |  1  n  18  root = 6.26830663374401e+01
** 500.  a  .  0.1  |  1  n  19  root = 6.64639403695894e+01
** 500.  a  .  0.1  |  1  n  20  root = 6.9953773834804e+01
** 500.  a  .  0.1  |  1  n  21  root = 7.34333841934494e+01
** 500.  a  .  0.1  |  1  n  22  root = 7.6921498899115e+01
** 500.  a  .  0.1  |  1  n  23  root = 8.04066198601434e+01
** 600.  a  .  0.1  |  1  n  24  root = 8.38821182947401e+01
** 500.  a  .  0.1  |  1  n  25  root = 8.73781638813334e+01
** 500.  a  .  0.1  |  1  n  26  root = 9.089468838291e+01
** 500.  a  .  0.1  |  1  n  27  root = 9.43511315829174e+01
** 500.  a  .  0.1  |  1  n  28  root = 9.7830062707164e+01
** 500.  a  .  0.1  |  1  n  29  root = 1.0132529329804e+02
** 500.  a  .  0.1  |  1  n  30  root = 1.0481284188701e+02

```

```

c
c
c
500 . . . 0.1 . . . 2 . . . 1    root = 5.7946574653070e+00
500 . . . 0.1 . . . 2 . . . 2    root = 9.1089210470089e+00
500 . . . 0.1 . . . 2 . . . 3    root = 1.2388784639941e+01
500 . . . 0.1 . . . 2 . . . 4    root = 1.5625776102637e+01
500 . . . 0.1 . . . 2 . . . 5    root = 1.8893121910197e+01
500 . . . 0.1 . . . 2 . . . 6    root = 2.222707752990e+01
500 . . . 0.1 . . . 2 . . . 7    root = 2.5669132534307e+01
500 . . . 0.1 . . . 2 . . . 8    root = 2.923627577307e+01
500 . . . 0.1 . . . 2 . . . 9    root = 3.2932628333998e+01
500 . . . 0.1 . . . 2 . . . 10   root = 3.676741759695e+01
500 . . . 0.1 . . . 2 . . . 11   root = 3.9195863135190e+01
500 . . . 0.1 . . . 2 . . . 12   root = 4.259999639222e+01
500 . . . 0.1 . . . 2 . . . 13   root = 4.6075911087616e+01
500 . . . 0.1 . . . 2 . . . 14   root = 4.97122599303e+01
500 . . . 0.1 . . . 2 . . . 15   root = 5.352241257219e+01
500 . . . 0.1 . . . 2 . . . 16   root = 5.757994252735e+01
500 . . . 0.1 . . . 2 . . . 17   root = 6.1859760910176e+01
500 . . . 0.1 . . . 2 . . . 18   root = 6.633031771629e+01
500 . . . 0.1 . . . 2 . . . 19   root = 7.1076931603445e+01
500 . . . 0.1 . . . 2 . . . 20   root = 7.6076882189e+01
500 . . . 0.1 . . . 2 . . . 21   root = 7.1309472871871e+01
500 . . . 0.1 . . . 2 . . . 22   root = 7.719098272502e+01
500 . . . 0.1 . . . 2 . . . 23   root = 8.0694811157021e+01
500 . . . 0.1 . . . 2 . . . 24   root = 8.4143126316695e+01
500 . . . 0.1 . . . 2 . . . 25   root = 8.7606853652152e+01
500 . . . 0.1 . . . 2 . . . 26   root = 9.109425131382e+01
500 . . . 0.1 . . . 2 . . . 27   root = 9.4622603803210e+01
500 . . . 0.1 . . . 2 . . . 28   root = 9.8194211099469e+01
500 . . . 0.1 . . . 2 . . . 29   root = 1.0182238969000e+02
500 . . . 0.1 . . . 2 . . . 30   root = 1.0500252567769e+02

c
c
c
500 . . . 0.1 . . . 3 . . . 1    root = 6.987989498720e+00
500 . . . 0.1 . . . 3 . . . 2    root = 1.0417661792050e+01
500 . . . 0.1 . . . 3 . . . 3    root = 1.3702398707609e+01
500 . . . 0.1 . . . 3 . . . 4    root = 1.6939533918786e+01
500 . . . 0.1 . . . 3 . . . 5    root = 2.0194982531325e+01
500 . . . 0.1 . . . 3 . . . 6    root = 2.3388699425902e+01
500 . . . 0.1 . . . 3 . . . 7    root = 2.6522442629113e+01
500 . . . 0.1 . . . 3 . . . 8    root = 2.96193958304e+01
500 . . . 0.1 . . . 3 . . . 9    root = 3.279130999807e+01
500 . . . 0.1 . . . 3 . . . 10   root = 3.699490406734e+01
500 . . . 0.1 . . . 3 . . . 11   root = 3.922575837810e+01
500 . . . 0.1 . . . 3 . . . 12   root = 4.3294591199159e+01
500 . . . 0.1 . . . 3 . . . 13   root = 4.6882572177829e+01
500 . . . 0.1 . . . 3 . . . 14   root = 5.003341053128e+01
500 . . . 0.1 . . . 3 . . . 15   root = 5.3495320190835e+01
500 . . . 0.1 . . . 3 . . . 16   root = 5.691826909463e+01
500 . . . 0.1 . . . 3 . . . 17   root = 6.03452099933e+01
500 . . . 0.1 . . . 3 . . . 18   root = 6.3761072957578e+01
500 . . . 0.1 . . . 3 . . . 19   root = 6.7222257908217e+01
500 . . . 0.1 . . . 3 . . . 20   root = 7.066933277749e+01
500 . . . 0.1 . . . 3 . . . 21   root = 7.4118931894118e+01
500 . . . 0.1 . . . 3 . . . 22   root = 7.7572188101178e+01
500 . . . 0.1 . . . 3 . . . 23   root = 8.1029161303049e+01
500 . . . 0.1 . . . 3 . . . 24   root = 8.4489591333837e+01
500 . . . 0.1 . . . 3 . . . 25   root = 8.7951048344585e+01
500 . . . 0.1 . . . 3 . . . 26   root = 9.1415389041083e+01
500 . . . 0.1 . . . 3 . . . 27   root = 9.4891681992327e+01
500 . . . 0.1 . . . 3 . . . 28   root = 9.8379982830282e+01
500 . . . 0.1 . . . 3 . . . 29   root = 1.0181983278498e+02
500 . . . 0.1 . . . 3 . . . 30   root = 1.0529017910461e+02

```



```

c
c
500 . . . 0.1 1 4 n 1 root = 8.182953293149e+00
500 . . . 0.1 1 4 n 2 root = 1.170494774770e+01
500 . . . 0.1 1 4 n 3 root = 1.5035777866003e+01
500 . . . 0.1 1 4 n 4 root = 1.830203463392e+01
500 . . . 0.1 1 4 n 5 root = 2.1531140890723e+01
500 . . . 0.1 1 4 n 6 root = 2.4743875252753e+01
500 . . . 0.1 1 4 n 7 root = 2.7991122570193e+01
500 . . . 0.1 1 4 n 8 root = 3.1176316892074e+01
500 . . . 0.1 1 4 n 9 root = 3.4402937356721e+01
500 . . . 0.1 1 4 n 10 root = 3.766198894942e+01
500 . . . 0.1 1 4 n 11 root = 4.095830395141e+01
500 . . . 0.1 1 4 n 12 root = 4.4241389301636e+01
500 . . . 0.1 1 4 n 13 root = 4.759429009303e+01
500 . . . 0.1 1 4 n 14 root = 5.090669094906e+01
500 . . . 0.1 1 4 n 15 root = 5.428637732351e+01
500 . . . 0.1 1 4 n 16 root = 5.7640577294988e+01
500 . . . 0.1 1 4 n 17 root = 6.1007471779300e+01
500 . . . 0.1 1 4 n 18 root = 6.4402571857804e+01
500 . . . 0.1 1 4 n 19 root = 6.7832450766705e+01
500 . . . 0.1 1 4 n 20 root = 7.1247751036570e+01
500 . . . 0.1 1 4 n 21 root = 7.4670061677038e+01
500 . . . 0.1 1 4 n 22 root = 7.809359218816e+01
500 . . . 0.1 1 4 n 23 root = 8.153232417199e+01
500 . . . 0.1 1 4 n 24 root = 8.497066571942e+01
500 . . . 0.1 1 4 n 25 root = 8.841346249108e+01
500 . . . 0.1 1 4 n 26 root = 9.189682049081e+01
500 . . . 0.1 1 4 n 27 root = 9.5399437274715e+01
500 . . . 0.1 1 4 n 28 root = 9.8761984666273e+01
500 . . . 0.1 1 4 n 29 root = 1.0221716295491e+02
500 . . . 0.1 1 4 n 30 root = 1.057470663311e+02
c
c
500 . . . 0.1 1 5 n 1 root = 9.399912194915e+00
500 . . . 0.1 1 5 n 2 root = 1.2388531811147e+01
500 . . . 0.1 1 5 n 3 root = 1.6394728128450e+01
500 . . . 0.1 1 5 n 4 root = 1.9952742731230e+01
500 . . . 0.1 1 5 n 5 root = 2.3205116220384e+01
500 . . . 0.1 1 5 n 6 root = 2.6129792792611e+01
500 . . . 0.1 1 5 n 7 root = 2.933988235200e+01
500 . . . 0.1 1 5 n 8 root = 3.2539777501175e+01
500 . . . 0.1 1 5 n 9 root = 3.5740661754963e+01
500 . . . 0.1 1 5 n 10 root = 3.894037999590e+01
500 . . . 0.1 1 5 n 11 root = 4.216809419429e+01
500 . . . 0.1 1 5 n 12 root = 4.5405298125730e+01
500 . . . 0.1 1 5 n 13 root = 4.8662281932331e+01
500 . . . 0.1 1 5 n 14 root = 5.1940143499480e+01
500 . . . 0.1 1 5 n 15 root = 5.523945343391e+01
500 . . . 0.1 1 5 n 16 root = 5.855939300614e+01
500 . . . 0.1 1 5 n 17 root = 6.1890729214034e+01
500 . . . 0.1 1 5 n 18 root = 6.5241030203949e+01
500 . . . 0.1 1 5 n 19 root = 6.8605167395762e+01
500 . . . 0.1 1 5 n 20 root = 7.19812594507743e+01
500 . . . 0.1 1 5 n 21 root = 7.537969085101e+01
500 . . . 0.1 1 5 n 22 root = 7.8793525167269e+01
500 . . . 0.1 1 5 n 23 root = 8.2188071029945e+01
500 . . . 0.1 1 5 n 24 root = 8.557937041826e+01
500 . . . 0.1 1 5 n 25 root = 8.897102283395e+01
500 . . . 0.1 1 5 n 26 root = 9.2420311399493e+01
500 . . . 0.1 1 5 n 27 root = 9.5948521188134e+01
500 . . . 0.1 1 5 n 28 root = 9.9501441692570e+01
500 . . . 0.1 1 5 n 29 root = 1.0271824117695e+02
500 . . . 0.1 1 5 n 30 root = 1.0619888678454e+02

```

c
c
c

500 .a. 0.1 1. 6 n. 1 root = 1.0512609+0.0630e+01
500 .a. 0.1 1. 6 n. 2 root = 1.4207392+0.20078e+01
500 .a. 0.1 1. 6 n. 3 root = 1.7697576+0.1794e+01
500 .a. 0.1 1. 6 n. 4 root = 2.0989771+0.13296e+01
500 .a. 0.1 1. 6 n. 5 root = 2.4462813+0.093075e+01
500 .a. 0.1 1. 6 n. 6 root = 2.7508070+0.05921e+01
500 .a. 0.1 1. 6 n. 7 root = 3.073110637+0.03945e+01
500 .a. 0.1 1. 6 n. 8 root = 3.3939302+0.02593e+01
500 .a. 0.1 1. 6 n. 9 root = 3.7130066+0.013070e+01
500 .a. 0.1 1. 6 n. 10 root = 4.0332252+0.0083176e+01
500 .a. 0.1 1. 6 n. 11 root = 4.3526501+0.00494e+01
500 .a. 0.1 1. 6 n. 12 root = 4.6720768+0.00297e+01
500 .a. 0.1 1. 6 n. 13 root = 4.9929499+0.00162e+01
500 .a. 0.1 1. 6 n. 14 root = 5.315981913+0.00078e+01
500 .a. 0.1 1. 6 n. 15 root = 5.639999914+0.0004e+01
500 .a. 0.1 1. 6 n. 16 root = 5.967888766+0.0002e+01
500 .a. 0.1 1. 6 n. 17 root = 6.299599999+0.0001e+01
500 .a. 0.1 1. 6 n. 18 root = 6.625166097+0.0000e+01
500 .a. 0.1 1. 6 n. 19 root = 6.954466661+0.0000e+01
500 .a. 0.1 1. 6 n. 20 root = 7.287406139+0.0000e+01
500 .a. 0.1 1. 6 n. 21 root = 7.621745259+0.0000e+01
500 .a. 0.1 1. 6 n. 22 root = 7.957839927+0.0000e+01
500 .a. 0.1 1. 6 n. 23 root = 8.294123967+0.0000e+01
500 .a. 0.1 1. 6 n. 24 root = 8.631898914+0.0000e+01
500 .a. 0.1 1. 6 n. 25 root = 8.970575042+0.0000e+01
500 .a. 0.1 1. 6 n. 26 root = 9.310059403+0.0000e+01
500 .a. 0.1 1. 6 n. 27 root = 9.650293117+0.0000e+01
500 .a. 0.1 1. 6 n. 28 root = 9.991102748+0.0000e+01
500 .a. 0.1 1. 6 n. 29 root = 1.032523150+0.0000e+02
500 .a. 0.1 1. 6 n. 30 root = 1.067482760+0.0029e+02

c
c
c

500 .a. 0.1 1. 7 n. 1 root = 1.165703219+0.0599e+01
500 .a. 0.1 1. 7 n. 2 root = 1.543128821+0.02571e+01
500 .a. 0.1 1. 7 n. 3 root = 1.892299524+0.0165e+01
500 .a. 0.1 1. 7 n. 4 root = 2.290539e+0.01332e+01
500 .a. 0.1 1. 7 n. 5 root = 2.660269914+0.0090e+01
500 .a. 0.1 1. 7 n. 6 root = 2.887039999+0.0059e+01
500 .a. 0.1 1. 7 n. 7 root = 3.211126824+0.0042e+01
500 .a. 0.1 1. 7 n. 8 root = 3.523345109+0.0031e+01
500 .a. 0.1 1. 7 n. 9 root = 3.894115982+0.0021e+01
500 .a. 0.1 1. 7 n. 10 root = 4.174120049+0.0017e+01
500 .a. 0.1 1. 7 n. 11 root = 4.493391092+0.0013e+01
500 .a. 0.1 1. 7 n. 12 root = 4.812319432+0.0011e+01
500 .a. 0.1 1. 7 n. 13 root = 5.131285700+0.0007e+01
500 .a. 0.1 1. 7 n. 14 root = 5.450606948+0.0005e+01
500 .a. 0.1 1. 7 n. 15 root = 5.767046897+0.0004e+01
500 .a. 0.1 1. 7 n. 16 root = 6.091881042+0.0002e+01
500 .a. 0.1 1. 7 n. 17 root = 6.414685793+0.0001e+01
500 .a. 0.1 1. 7 n. 18 root = 6.736880449+0.0000e+01
500 .a. 0.1 1. 7 n. 19 root = 7.055016123+0.0000e+01
500 .a. 0.1 1. 7 n. 20 root = 7.382781817+0.0000e+01
500 .a. 0.1 1. 7 n. 21 root = 7.722119442+0.0000e+01
500 .a. 0.1 1. 7 n. 22 root = 8.053235974+0.0000e+01
500 .a. 0.1 1. 7 n. 23 root = 8.396632309+0.0000e+01
500 .a. 0.1 1. 7 n. 24 root = 8.719478737+0.0000e+01
500 .a. 0.1 1. 7 n. 25 root = 9.094433941+0.0000e+01
500 .a. 0.1 1. 7 n. 26 root = 9.305287799+0.0000e+01
500 .a. 0.1 1. 7 n. 27 root = 9.727887769+0.0000e+01
500 .a. 0.1 1. 7 n. 28 root = 1.006976981+0.0000e+02
500 .a. 0.1 1. 7 n. 29 root = 1.040417233+0.0000e+02
500 .a. 0.1 1. 7 n. 30 root = 1.074399832+0.0029e+02

c
c
c

500 .a . 0.1 | . 8 .a 1
500 .a . 0.1 | . 8 .a 2
500 .a . 0.1 | . 8 .a 3
500 .a . 0.1 | . 8 .a 4
500 .a . 0.1 | . 8 .a 5
500 .a . 0.1 | . 8 .a 6
500 .a . 0.1 | . 8 .a 7
500 .a . 0.1 | . 8 .a 8
500 .a . 0.1 | . 8 .a 9
500 .a . 0.1 | . 8 .a 10
500 .a . 0.1 | . 8 .a 11
500 .a . 0.1 | . 8 .a 12
500 .a . 0.1 | . 8 .a 13
500 .a . 0.1 | . 8 .a 14
500 .a . 0.1 | . 8 .a 15
500 .a . 0.1 | . 8 .a 16
500 .a . 0.1 | . 8 .a 17
500 .a . 0.1 | . 8 .a 18
500 .a . 0.1 | . 8 .a 19
500 .a . 0.1 | . 8 .a 20
500 .a . 0.1 | . 8 .a 21
500 .a . 0.1 | . 8 .a 22
500 .a . 0.1 | . 8 .a 23
500 .a . 0.1 | . 8 .a 24
500 .a . 0.1 | . 8 .a 25
500 .a . 0.1 | . 8 .a 26
500 .a . 0.1 | . 8 .a 27
500 .a . 0.1 | . 8 .a 28
500 .a . 0.1 | . 8 .a 29
500 .a . 0.1 | . 8 .a 30

root = 1.2730781711973e+01
root = 1.6641002881982e+01
root = 2.0182470768607e+01
root = 2.3591274941462e+01
root = 2.6927040376430e+01
root = 3.021263946119e+01
root = 3.347838578025e+01
root = 3.6714994942057e+01
root = 3.9936218947382e+01
root = 4.3145702394633e+01
root = 4.6345665093229e+01
root = 4.9539106329133e+01
root = 5.2727424949860e+01
root = 5.5911330014219e+01
root = 5.9090066799131e+01
root = 6.2267770793725e+01
root = 6.5438229111932e+01
root = 6.8599493462277e+01
root = 7.1750247986799e+01
root = 7.512628187999e+01
root = 7.8378206366290e+01
root = 8.1594013154093e+01
root = 8.4917709294412e+01
root = 8.8210779308110e+01
root = 9.1518949283636e+01
root = 9.489329943000e+01
root = 9.817278242168e+01
root = 1.015173988705e+02
root = 1.0487223294971e+02
root = 1.0823840637736e+02

c
c
c

500 .a . 0.1 | . 9 .a 1
500 .a . 0.1 | . 9 .a 2
500 .a . 0.1 | . 9 .a 3
500 .a . 0.1 | . 9 .a 4
500 .a . 0.1 | . 9 .a 5
500 .a . 0.1 | . 9 .a 6
500 .a . 0.1 | . 9 .a 7
500 .a . 0.1 | . 9 .a 8
500 .a . 0.1 | . 9 .a 9
500 .a . 0.1 | . 9 .a 10
500 .a . 0.1 | . 9 .a 11
500 .a . 0.1 | . 9 .a 12
500 .a . 0.1 | . 9 .a 13
500 .a . 0.1 | . 9 .a 14
500 .a . 0.1 | . 9 .a 15
500 .a . 0.1 | . 9 .a 16
500 .a . 0.1 | . 9 .a 17
500 .a . 0.1 | . 9 .a 18
500 .a . 0.1 | . 9 .a 19
500 .a . 0.1 | . 9 .a 20
500 .a . 0.1 | . 9 .a 21
500 .a . 0.1 | . 9 .a 22
500 .a . 0.1 | . 9 .a 23
500 .a . 0.1 | . 9 .a 24
500 .a . 0.1 | . 9 .a 25
500 .a . 0.1 | . 9 .a 26
500 .a . 0.1 | . 9 .a 27
500 .a . 0.1 | . 9 .a 28
500 .a . 0.1 | . 9 .a 29
500 .a . 0.1 | . 9 .a 30

root = 1.3915622610505e+01
root = 1.7838293199206e+01
root = 2.1420468570106e+01
root = 2.4873213349394e+01
root = 2.8237134371083e+01
root = 3.1500189463014e+01
root = 3.4626837105152e+01
root = 3.8082481310518e+01
root = 4.131787712951e+01
root = 4.433817363926e+01
root = 4.7749446765348e+01
root = 5.095099232203e+01
root = 5.414951578257e+01
root = 5.739467969246e+01
root = 6.0519378899119e+01
root = 6.370306510869e+01
root = 6.6885630481577e+01
root = 7.0079318239430e+01
root = 7.326794287972e+01
root = 7.6457942819155e+01
root = 7.9694746189566e+01
root = 8.288437894240e+01
root = 8.611725114388e+01
root = 8.938511949422e+01
root = 9.262879832926e+01
root = 9.593063728729e+01
root = 9.918777295668e+01
root = 1.0250337808828e+02
root = 1.058211483101e+02
root = 1.0915103815229e+02

c
c
c

```
58 * 500. a * 0.1 | * 10 n = 1 root = 1.503346830373e+01
58 * 500. a * 0.1 | * 10 n = 2 root = 1.902863636128e+01
58 * 500. a * 0.1 | * 10 n = 3 root = 2.283270369139e+01
58 * 500. a * 0.1 | * 10 n = 4 root = 2.614276784342e+01
58 * 500. a * 0.1 | * 10 n = 5 root = 2.903634109422e+01
58 * 500. a * 0.1 | * 10 n = 6 root = 3.157053460292e+01
58 * 500. a * 0.1 | * 10 n = 7 root = 3.368157168003e+01
58 * 500. a * 0.1 | * 10 n = 8 root = 3.543821465388e+01
58 * 500. a * 0.1 | * 10 n = 9 root = 3.687626000333e+01
58 * 500. a * 0.1 | * 10 n = 10 root = 3.80520493835e+01
58 * 500. a * 0.1 | * 10 n = 11 root = 3.914223702009e+01
58 * 500. a * 0.1 | * 10 n = 12 root = 4.0235193764937e+01
58 * 500. a * 0.1 | * 10 n = 13 root = 4.1233877314552e+01
58 * 500. a * 0.1 | * 12 n = 14 root = 4.2152026810610e+01
58 * 500. a * 0.1 | * 10 n = 15 root = 4.308287705770e+01
58 * 500. a * 0.1 | * 12 n = 16 root = 4.392877469431e+01
58 * 500. a * 0.1 | * 10 n = 17 root = 4.4681172413889e+01
58 * 500. a * 0.1 | * 12 n = 18 root = 4.534277942925e+01
58 * 500. a * 0.1 | * 10 n = 19 root = 4.5912633006378e+01
58 * 500. a * 0.1 | * 10 n = 20 root = 4.639233314229e+01
58 * 500. a * 0.1 | * 12 n = 21 root = 4.678294381826e+01
58 * 500. a * 0.1 | * 10 n = 22 root = 4.708279110539e+01
58 * 500. a * 0.1 | * 12 n = 23 root = 4.729273637820e+01
58 * 500. a * 0.1 | * 10 n = 24 root = 4.7422450601202e+01
58 * 500. a * 0.1 | * 10 n = 25 root = 4.7469330714698e+01
58 * 500. a * 0.1 | * 12 n = 26 root = 4.74307762881e+01
58 * 500. a * 0.1 | * 10 n = 27 root = 4.730668146942e+02
58 * 500. a * 0.1 | * 10 n = 28 root = 4.708279110539e+02
58 * 500. a * 0.1 | * 10 n = 29 root = 4.6856265158401e+02
58 * 500. a * 0.1 | * 12 n = 30 root = 4.66330788948e+02
```

c
c
c

```
58 * 500. a * 0.1 | * 11 n = 1 root = 1.614474992301e+01
58 * 500. a * 0.1 | * 11 n = 2 root = 1.8203942638818e+01
58 * 500. a * 0.1 | * 11 n = 3 root = 2.008633072988e+01
58 * 500. a * 0.1 | * 11 n = 4 root = 2.170125828888e+01
58 * 500. a * 0.1 | * 11 n = 5 root = 2.3082794089479e+01
58 * 500. a * 0.1 | * 11 n = 6 root = 2.4179476682795e+01
58 * 500. a * 0.1 | * 11 n = 7 root = 2.498273637820e+01
58 * 500. a * 0.1 | * 11 n = 8 root = 2.552794110539e+01
58 * 500. a * 0.1 | * 11 n = 9 root = 2.592462874694e+01
58 * 500. a * 0.1 | * 11 n = 10 root = 2.6192468897950e+01
58 * 500. a * 0.1 | * 11 n = 11 root = 2.6349494082020e+01
58 * 500. a * 0.1 | * 11 n = 12 root = 2.639408289999e+01
58 * 500. a * 0.1 | * 11 n = 13 root = 2.6326917059431e+01
58 * 500. a * 0.1 | * 11 n = 14 root = 2.616082224251e+01
58 * 500. a * 0.1 | * 11 n = 15 root = 2.5928307814614e+01
58 * 500. a * 0.1 | * 11 n = 16 root = 2.562033719533e+01
58 * 500. a * 0.1 | * 11 n = 17 root = 2.5273797888423e+01
58 * 500. a * 0.1 | * 11 n = 18 root = 2.4911895116826e+01
58 * 500. a * 0.1 | * 11 n = 19 root = 2.4538381274958e+01
58 * 500. a * 0.1 | * 11 n = 20 root = 2.4162887457746e+01
58 * 500. a * 0.1 | * 11 n = 21 root = 2.378633078078e+01
58 * 500. a * 0.1 | * 11 n = 22 root = 2.340928200011e+01
58 * 500. a * 0.1 | * 11 n = 23 root = 2.3032893227948e+01
58 * 500. a * 0.1 | * 11 n = 24 root = 2.265688886157e+01
58 * 500. a * 0.1 | * 11 n = 25 root = 2.2281272119478e+01
58 * 500. a * 0.1 | * 11 n = 26 root = 2.1906444574038e+01
58 * 500. a * 0.1 | * 11 n = 27 root = 2.1532388877e+02
58 * 500. a * 0.1 | * 11 n = 28 root = 2.11583288078e+02
58 * 500. a * 0.1 | * 11 n = 29 root = 2.07843287708e+02
58 * 500. a * 0.1 | * 11 n = 30 root = 2.041032866716e+02
```

c
c
c

500 a# 0.1 i# 12 n# 1 root = 1.7250494781128e+01
500 a# 0.1 i# 12 n# 2 root = 2.1373972181163e+01
500 a# 0.1 i# 12 n# 3 root = 2.5101038521008e+01
500 a# 0.1 i# 12 n# 4 root = 2.8949765281725e+01
500 a# 0.1 i# 12 n# 5 root = 3.2095676725388e+01
500 a# 0.1 i# 12 n# 6 root = 3.5478013175192e+01
500 a# 0.1 i# 12 n# 7 root = 3.881326881333e+01
500 a# 0.1 i# 12 n# 8 root = 4.211695953336e+01
500 a# 0.1 i# 12 n# 9 root = 4.5395909444569e+01
500 a# 0.1 i# 12 n# 10 root = 4.8633704195139e+01
500 a# 0.1 i# 12 n# 11 root = 5.1897017626130e+01
500 a# 0.1 i# 12 n# 12 root = 5.5127876820571e+01
500 a# 0.1 i# 12 n# 13 root = 5.8304949581925e+01
500 a# 0.1 i# 12 n# 14 root = 6.1505995145404e+01
500 a# 0.1 i# 12 n# 15 root = 6.4769490161280e+01
500 a# 0.1 i# 12 n# 16 root = 6.7994802726871e+01
500 a# 0.1 i# 12 n# 17 root = 7.1197843165903e+01
500 a# 0.1 i# 12 n# 18 root = 7.4346827695877e+01
500 a# 0.1 i# 12 n# 19 root = 7.7532201908748e+01
500 a# 0.1 i# 12 n# 20 root = 8.0714329198232e+01
500 a# 0.1 i# 12 n# 21 root = 8.3893931189233e+01
500 a# 0.1 i# 12 n# 22 root = 8.7071657818728e+01
500 a# 0.1 i# 12 n# 23 root = 9.0249055219485e+01
500 a# 0.1 i# 12 n# 24 root = 9.3426742759266e+01
500 a# 0.1 i# 12 n# 25 root = 9.660639650449e+01
500 a# 0.1 i# 12 n# 26 root = 9.9789732228731e+01
500 a# 0.1 i# 12 n# 27 root = 1.0247684823945e+02
500 a# 0.1 i# 12 n# 28 root = 1.0617503753230e+02
500 a# 0.1 i# 12 n# 29 root = 1.09390062512483e+02
500 a# 0.1 i# 12 n# 30 root = 1.1259700118657e+02

c
c
c

500 a# 0.1 i# 13 n# 1 root = 1.8351261495947e+01
500 a# 0.1 i# 13 n# 2 root = 2.2536617071120e+01
500 a# 0.1 i# 13 n# 3 root = 2.6307181931217e+01
500 a# 0.1 i# 13 n# 4 root = 2.9899315321045e+01
500 a# 3.1 i# 13 n# 5 root = 3.3863191239019e+01
500 a# 0.1 i# 13 n# 6 root = 3.6767017938241e+01
500 a# 0.1 i# 13 n# 7 root = 4.0122124128662e+01
500 a# 0.1 i# 13 n# 8 root = 4.3441622575333e+01
500 a# 0.1 i# 13 n# 9 root = 4.6734130922076e+01
500 a# 0.1 i# 13 n# 10 root = 5.005599703949e+01
500 a# 0.1 i# 13 n# 11 root = 5.326529533071e+01
500 a# 0.1 i# 13 n# 12 root = 5.6501371394216e+01
500 a# 0.1 i# 13 n# 13 root = 5.9753121193303e+01
500 a# 0.1 i# 13 n# 14 root = 6.2951681158793e+01
500 a# 0.1 i# 13 n# 15 root = 6.6184218905905e+01
500 a# 0.1 i# 13 n# 16 root = 6.935939485789e+01
500 a# 0.1 i# 13 n# 17 root = 7.2566525777195e+01
500 a# 0.1 i# 13 n# 18 root = 7.578467938784e+01
500 a# 0.1 i# 13 n# 19 root = 7.8959417948771e+01
500 a# 0.1 i# 13 n# 20 root = 8.21442149377467e+01
500 a# 0.1 i# 13 n# 21 root = 8.5329592669397e+01
500 a# 0.1 i# 13 n# 22 root = 8.8506238151944e+01
500 a# 0.1 i# 13 n# 23 root = 9.1684648719287e+01
500 a# 0.1 i# 13 n# 24 root = 9.4851493370046e+01
500 a# 0.1 i# 13 n# 25 root = 9.8037425171258e+01
500 a# 0.1 i# 13 n# 26 root = 1.012132877001e+02
500 a# 0.1 i# 13 n# 27 root = 1.0439107528263e+02
500 a# 0.1 i# 13 n# 28 root = 1.0757144019427e+02
500 a# 0.1 i# 13 n# 29 root = 1.1076330319828e+02
500 a# 0.1 i# 13 n# 30 root = 1.1394749517333e+02

```

c
c
**= 500. a n 0.1 i n 14 n = 1      root = 1.9447703108055e+01
**= 500. a n 0.1 i n 14 n = 2      root = 2.3683208037471e+01
**= 500. a n 0.1 i n 14 n = 3      root = 2.7505753080949e+01
**= 500. a n 0.1 i n 14 n = 4      root = 3.1120521413504e+01
**= 500. a n 0.1 i n 14 n = 5      root = 3.46211227000077e+01
**= 500. a n 0.1 i n 14 n = 6      root = 3.8047244628510e+01
**= 500. a n 0.1 i n 14 n = 7      root = 4.1421359812461e+01
**= 500. a n 0.1 i n 14 n = 8      root = 4.4757421786629e+01
**= 500. a n 0.1 i n 14 n = 9      root = 4.8038443250115e+01
**= 500. a n 0.1 i n 14 n = 10     root = 5.1346761925022e+01
**= 500. a n 0.1 i n 14 n = 11     root = 5.4614946114702e+01
**= 500. a n 0.1 i n 14 n = 12     root = 5.7853364513211e+01
**= 500. a n 0.1 i n 14 n = 13     root = 6.109571900201e+01
**= 500. a n 0.1 i n 14 n = 14     root = 6.4334566137025e+01
**= 500. a n 0.1 i n 14 n = 15     root = 6.7554694352571e+01
**= 500. a n 0.1 i n 14 n = 16     root = 7.0767812246275e+01
**= 500. a n 0.1 i n 14 n = 17     root = 7.3974399115088e+01
**= 500. a n 0.1 i n 14 n = 18     root = 7.7175362843222e+01
**= 500. a n 0.1 i n 14 n = 19     root = 8.0371120384042e+01
**= 500. a n 0.1 i n 14 n = 20     root = 8.3553419425222e+01
**= 500. a n 0.1 i n 14 n = 21     root = 8.6719158470282e+01
**= 500. a n 0.1 i n 14 n = 22     root = 8.986942227442e+01
**= 500. a n 0.1 i n 14 n = 23     root = 9.311834369137e+01
**= 500. a n 0.1 i n 14 n = 24     root = 9.629779907139e+01
**= 500. a n 0.1 i n 14 n = 25     root = 9.9475205145024e+01
**= 500. a n 0.1 i n 14 n = 26     root = 1.0265107520293e+02
**= 500. a n 0.1 i n 14 n = 27     root = 1.0582674347821e+02
**= 500. a n 0.1 i n 14 n = 28     root = 1.0900091586313e+02
**= 500. a n 0.1 i n 14 n = 29     root = 1.1217670348464e+02
**= 500. a n 0.1 i n 14 n = 30     root = 1.1535465214878e+02

c
c
**= 500. a n 0.1 i n 15 n = 1      root = 2.09402293925048e+01
**= 500. a n 0.1 i n 15 n = 2      root = 2.448376257595e+01
**= 500. a n 0.1 i n 15 n = 3      root = 2.869743059315e+01
**= 500. a n 0.1 i n 15 n = 4      root = 3.2944402303639e+01
**= 500. a n 0.1 i n 15 n = 5      root = 3.5871154400949e+01
**= 500. a n 0.1 i n 15 n = 6      root = 3.9319325780771e+01
**= 500. a n 0.1 i n 15 n = 7      root = 4.2712451971517e+01
**= 500. a n 0.1 i n 15 n = 8      root = 4.606436395381e+01
**= 500. a n 0.1 i n 15 n = 9      root = 4.938493579338e+01
**= 500. a n 0.1 i n 15 n = 10     root = 5.2683738094314e+01
**= 500. a n 0.1 i n 15 n = 11     root = 5.59631494357813e+01
**= 500. a n 0.1 i n 15 n = 12     root = 5.92193468013874e+01
**= 500. a n 0.1 i n 15 n = 13     root = 6.244028066975e+01
**= 500. a n 0.1 i n 15 n = 14     root = 6.5709691478492e+01
**= 500. a n 0.1 i n 15 n = 15     root = 6.8937847828255e+01
**= 500. a n 0.1 i n 15 n = 16     root = 7.2158105001725e+01
**= 500. a n 0.1 i n 15 n = 17     root = 7.5371374588823e+01
**= 500. a n 0.1 i n 15 n = 18     root = 7.857862847346e+01
**= 500. a n 0.1 i n 15 n = 19     root = 8.1782944653004e+01
**= 500. a n 0.1 i n 15 n = 20     root = 8.4977821305333e+01
**= 500. a n 0.1 i n 15 n = 21     root = 8.817058708299e+01
**= 500. a n 0.1 i n 15 n = 22     root = 9.1352441122411e+01
**= 500. a n 0.1 i n 15 n = 23     root = 9.4546940897034e+01
**= 500. a n 0.1 i n 15 n = 24     root = 9.772924419971e+01
**= 500. a n 0.1 i n 15 n = 25     root = 1.0051022925974e+02
**= 500. a n 0.1 i n 15 n = 26     root = 1.0408807823297e+02
**= 500. a n 0.1 i n 15 n = 27     root = 1.0726994278263e+02
**= 500. a n 0.1 i n 15 n = 28     root = 1.1044073389930e+02
**= 500. a n 0.1 i n 15 n = 29     root = 1.1351477150815e+02
**= 500. a n 0.1 i n 15 n = 30     root = 1.1678871673780e+02

```

```

c
c
c
500 500 a 0.2 1 1 n 1 root = 4.8823226111469e+00
500 500 a 0.2 1 1 n 2 root = 3.7763223894607e+00
500 500 a 0.2 1 1 n 3 root = 1.2163801589883e+01
500 500 a 0.2 1 1 n 4 root = 1.8006161200905e+01
500 500 a 0.2 1 1 n 5 root = 1.9877802e+01
500 500 a 0.2 1 1 n 6 root = 2.376619485e+01
500 500 a 0.2 1 1 n 7 root = 2.789495949490e+01
500 500 a 0.2 1 1 n 8 root = 3.1570247152235e+01
500 500 a 0.2 1 1 n 9 root = 3.5462249494007e+01
500 500 a 0.2 1 1 n 10 root = 3.933353518389e+01
500 500 a 0.2 1 1 n 11 root = 4.3308249720175e+01
500 500 a 0.2 1 1 n 12 root = 4.7223824040215e+01
500 500 a 0.2 1 1 n 13 root = 5.1145780115051e+01
500 500 a 0.2 1 1 n 14 root = 5.502388431294e+01
500 500 a 0.2 1 1 n 15 root = 5.8882394440397e+01
500 500 a 0.2 1 1 n 16 root = 6.290894238993e+01
500 500 a 0.2 1 1 n 17 root = 6.6931006890002e+01
500 500 a 0.2 1 1 n 18 root = 7.075389217691e+01
500 500 a 0.2 1 1 n 19 root = 7.4677167824985e+01
500 500 a 0.2 1 1 n 20 root = 7.8600325940168e+01
500 500 a 0.2 1 1 n 21 root = 8.2524481241599e+01
500 500 a 0.2 1 1 n 22 root = 8.6449640320131e+01
500 500 a 0.2 1 1 n 23 root = 9.037582475802e+01
500 500 a 0.2 1 1 n 24 root = 9.430244838267e+01
500 500 a 0.2 1 1 n 25 root = 9.8227187882189e+01
500 500 a 0.2 1 1 n 26 root = 1.0214816732039e+02
500 500 a 0.2 1 1 n 27 root = 1.0607336158525e+02
500 500 a 0.2 1 1 n 28 root = 1.0993883943067e+02
500 500 a 0.2 1 1 n 29 root = 1.138402847284e+02
500 500 a 0.2 1 1 n 30 root = 1.1769462442217e+02

c
c
c
500 500 a 0.2 1 2 n 1 root = 5.7993818621347e+00
500 500 a 0.2 1 2 n 2 root = 9.3095981065306e+00
500 500 a 0.2 1 2 n 3 root = 1.2900574685173e+01
500 500 a 0.2 1 2 n 4 root = 1.6586312820041e+01
500 500 a 0.2 1 2 n 5 root = 2.036422335071e+01
500 500 a 0.2 1 2 n 6 root = 2.4177043406782e+01
500 500 a 0.2 1 2 n 7 root = 2.8020504463200e+01
500 500 a 0.2 1 2 n 8 root = 3.180465582053e+01
500 500 a 0.2 1 2 n 9 root = 3.572889479704e+01
500 500 a 0.2 1 2 n 10 root = 3.968570794917e+01
500 500 a 0.2 1 2 n 11 root = 4.36808949782e+01
500 500 a 0.2 1 2 n 12 root = 4.77162268891e+01
500 500 a 0.2 1 2 n 13 root = 5.179560493447e+01
500 500 a 0.2 1 2 n 14 root = 5.594390103848e+01
500 500 a 0.2 1 2 n 15 root = 6.0169784168801e+01
500 500 a 0.2 1 2 n 16 root = 6.4378220818228e+01
500 500 a 0.2 1 2 n 17 root = 6.8580318617882e+01
500 500 a 0.2 1 2 n 18 root = 7.280494104420e+01
500 500 a 0.2 1 2 n 19 root = 7.70481082573782e+01
500 500 a 0.2 1 2 n 20 root = 8.130989415889e+01
500 500 a 0.2 1 2 n 21 root = 8.559068883125e+01
500 500 a 0.2 1 2 n 22 root = 8.989498897580e+01
500 500 a 0.2 1 2 n 23 root = 9.4218408274101e+01
500 500 a 0.2 1 2 n 24 root = 9.84644189108200e+01
500 500 a 0.2 1 2 n 25 root = 9.3338484305200e+01
500 500 a 0.2 1 2 n 26 root = 1.024588230489e+02
500 500 a 0.2 1 2 n 27 root = 1.0618786324620e+02
500 500 a 0.2 1 2 n 28 root = 1.100265281852e+02
500 500 a 0.2 1 2 n 29 root = 1.1401181234612e+02
500 500 a 0.2 1 2 n 30 root = 1.1793442638816e+02

```


c
c

500. 0.2 5 1 1 root = 9.392698757300e+00
500. 0.2 5 2 2 root = 1.2588890472135e+01
500. 0.2 5 3 3 root = 1.63713877152114e+01
500. 0.2 5 4 4 root = 1.9768233137412e+01
500. 0.2 5 5 5 root = 2.3114622462907e+01
500. 0.2 5 6 6 root = 2.650662549309e+01
500. 0.2 5 7 7 root = 3.0128272494911e+01
500. 0.2 5 8 8 root = 3.3790388892515e+01
500. 0.2 5 9 9 root = 3.7430781531323e+01
500. 0.2 5 10 10 root = 4.115600931224e+01
500. 0.2 5 11 11 root = 4.4919659459999e+01
500. 0.2 5 12 12 root = 4.870155209255e+01
500. 0.2 5 13 13 root = 5.2505202061325e+01
500. 0.2 5 14 14 root = 5.6333119247217e+01
500. 0.2 5 15 15 root = 6.017050433357e+01
500. 0.2 5 16 16 root = 6.401890722894e+01
500. 0.2 5 17 17 root = 6.787843049409e+01
500. 0.2 5 18 18 root = 7.174938791722e+01
500. 0.2 5 19 19 root = 7.563183263269e+01
500. 0.2 5 20 20 root = 7.952622612039e+01
500. 0.2 5 21 21 root = 8.343297972190e+01
500. 0.2 5 22 22 root = 8.7352387140887e+01
500. 0.2 5 23 23 root = 9.1284707593005e+01
500. 0.2 5 24 24 root = 9.5329960508518e+01
500. 0.2 5 25 25 root = 9.938795210082e+01
500. 0.2 5 26 26 root = 1.03458297737715e+02
500. 0.2 5 27 27 root = 1.06732989299e+02
500. 0.2 5 28 28 root = 1.1033468579498e+02
500. 0.2 5 29 29 root = 1.142381126638e+02
500. 0.2 5 30 30 root = 1.1844331118788e+02

c
c

500. 0.2 6 1 1 root = 1.0914845269815e+01
500. 0.2 6 2 2 root = 1.4027715391801e+01
500. 0.2 6 3 3 root = 1.7691527323818e+01
500. 0.2 6 4 4 root = 2.1808120717634e+01
500. 0.2 6 5 5 root = 2.6399487848511e+01
500. 0.2 6 6 6 root = 3.1771693886403e+01
500. 0.2 6 7 7 root = 3.7115328888508e+01
500. 0.2 6 8 8 root = 4.24572471134379e+01
500. 0.2 6 9 9 root = 4.8626765288191e+01
500. 0.2 6 10 10 root = 4.1909789338385e+01
500. 0.2 6 11 11 root = 4.9603789403951e+01
500. 0.2 6 12 12 root = 4.933434091785e+01
500. 0.2 6 13 13 root = 5.3093872494180e+01
500. 0.2 6 14 14 root = 5.687667431393e+01
500. 0.2 6 15 15 root = 6.0678140122598e+01
500. 0.2 6 16 16 root = 6.4495078513161e+01
500. 0.2 6 17 17 root = 6.8324775272143e+01
500. 0.2 6 18 18 root = 7.216519572899e+01
500. 0.2 6 19 19 root = 7.611468466545e+01
500. 0.2 6 20 20 root = 7.9871685103808e+01
500. 0.2 6 21 21 root = 8.373837529332e+01
500. 0.2 6 22 22 root = 8.7604786751278e+01
500. 0.2 6 23 23 root = 9.14793197923702e+01
500. 0.2 6 24 24 root = 9.5367958307978e+01
500. 0.2 6 25 25 root = 9.9240951431135e+01
500. 0.2 6 26 26 root = 1.0312888397249e+02
500. 0.2 6 27 27 root = 1.0701959127885e+02
500. 0.2 6 28 28 root = 1.109728088888e+02
500. 0.2 6 29 29 root = 1.1491147477038e+02
500. 0.2 6 30 30 root = 1.1882761139861e+02

```

c
c
50 500 a= 0.2 | 7 n= 1 root = 1.187003244423e+01
50 500 a= 0.2 | 7 n= 2 root = 1.543113326877e+01
50 500 a= 0.2 | 7 n= 3 root = 1.832388791105e+01
50 500 a= 0.2 | 7 n= 4 root = 2.2300300438820e+01
50 500 a= 0.2 | 7 n= 5 root = 2.6526223381226e+01
50 500 a= 0.2 | 7 n= 6 root = 2.894690688820e+01
50 500 a= 0.2 | 7 n= 7 root = 3.2308047032833e+01
50 500 a= 0.2 | 7 n= 8 root = 3.5730705265653e+01
50 500 a= 0.2 | 7 n= 9 root = 3.9225321764333e+01
50 500 a= 0.2 | 7 n= 10 root = 4.278219170789e+01
50 500 a= 0.2 | 7 n= 11 root = 4.64054323089e+01
50 500 a= 0.2 | 7 n= 12 root = 5.007258752125e+01
50 500 a= 0.2 | 7 n= 13 root = 5.377598888833e+01
50 500 a= 0.2 | 7 n= 14 root = 5.751128232815e+01
50 500 a= 0.2 | 7 n= 15 root = 6.12702852017e+01
50 500 a= 0.2 | 7 n= 16 root = 6.5051075803057e+01
50 500 a= 0.2 | 7 n= 17 root = 6.884824137377e+01
50 500 a= 0.2 | 7 n= 18 root = 7.265658013201e+01
50 500 a= 0.2 | 7 n= 19 root = 7.648312295872e+01
50 500 a= 0.2 | 7 n= 20 root = 8.031682076883e+01
50 500 a= 0.2 | 7 n= 21 root = 8.4159416291192e+01
50 500 a= 0.2 | 7 n= 22 root = 8.8003605119313e+01
50 500 a= 0.2 | 7 n= 23 root = 9.1859436132540e+01
50 500 a= 0.2 | 7 n= 24 root = 9.5728207168493e+01
50 500 a= 0.2 | 7 n= 25 root = 9.9599589446031e+01
50 500 a= 0.2 | 7 n= 26 root = 1.0346817597921e+02
50 500 a= 0.2 | 7 n= 27 root = 1.0734652112029e+02
50 500 a= 0.2 | 7 n= 28 root = 1.1122447403373e+02
50 500 a= 0.2 | 7 n= 29 root = 1.151088329320e+02
50 500 a= 0.2 | 7 n= 30 root = 1.1899478959386e+02

c
c
50 500 a= 0.2 | 8 n= 1 root = 1.2790781620435e+01
50 500 a= 0.2 | 8 n= 2 root = 1.6811009194125e+01
50 500 a= 0.2 | 8 n= 3 root = 2.0182955330217e+01
50 500 a= 0.2 | 8 n= 4 root = 2.3222942232375e+01
50 500 a= 0.2 | 8 n= 5 root = 2.623247418861e+01
50 500 a= 0.2 | 8 n= 6 root = 3.0243198181462e+01
50 500 a= 0.2 | 8 n= 7 root = 3.322634218495e+01
50 500 a= 0.2 | 8 n= 8 root = 3.6204207748115e+01
50 500 a= 0.2 | 8 n= 9 root = 4.031094482463e+01
50 500 a= 0.2 | 8 n= 10 root = 4.378680784650e+01
50 500 a= 0.2 | 8 n= 11 root = 4.725233333785e+01
50 500 a= 0.2 | 8 n= 12 root = 5.091673288252e+01
50 500 a= 0.2 | 8 n= 13 root = 5.4597636387367e+01
50 500 a= 0.2 | 8 n= 14 root = 5.8276038847259e+01
50 500 a= 0.2 | 8 n= 15 root = 6.1943397008052e+01
50 500 a= 0.2 | 8 n= 16 root = 6.56387324815060e+01
50 500 a= 0.2 | 8 n= 17 root = 6.94477180140203e+01
50 500 a= 0.2 | 8 n= 18 root = 7.3252384843235e+01
50 500 a= 0.2 | 8 n= 19 root = 7.7019108383208e+01
50 500 a= 0.2 | 8 n= 20 root = 8.08302370274e+01
50 500 a= 0.2 | 8 n= 21 root = 8.46444301071053e+01
50 500 a= 0.2 | 8 n= 22 root = 8.847250339252e+01
50 500 a= 0.2 | 8 n= 23 root = 9.2302783832953e+01
50 500 a= 0.2 | 8 n= 24 root = 9.61339424571139e+01
50 500 a= 0.2 | 8 n= 25 root = 1.0004424809138e+02
50 500 a= 0.2 | 8 n= 26 root = 1.0388087824333e+02
50 500 a= 0.2 | 8 n= 27 root = 1.0774274328880e+02
50 500 a= 0.2 | 8 n= 28 root = 1.116385170031e+02
50 500 a= 0.2 | 8 n= 29 root = 1.154938822520e+02
50 500 a= 0.2 | 8 n= 30 root = 1.193489400828e+02

```

c
c

500 a 0.2 9 1 root = 1.391982221414e+01
500 a 0.2 9 2 root = 1.783894009855e+01
500 a 0.2 9 3 root = 2.14290252027104e+01
500 a 0.2 9 4 root = 2.48779482361133e+01
500 a 0.2 9 5 root = 2.8238825343857e+01
500 a 0.2 9 6 root = 3.15576220146254e+01
500 a 0.2 9 7 root = 3.48226157944235e+01
500 a 0.2 9 8 root = 3.81613638876554e+01
500 a 0.2 9 9 root = 4.14833462794577e+01
500 a 0.2 9 10 root = 4.4794113737834e+01
500 a 0.2 9 11 root = 4.8091104763011e+01
500 a 0.2 9 12 root = 5.127952632201e+01
500 a 0.2 9 13 root = 5.435334957791e+01
500 a 0.2 9 14 root = 5.731405258885e+01
500 a 0.2 9 15 root = 6.01640418367442e+01
500 a 0.2 9 16 root = 6.290275787226e+01
500 a 0.2 9 17 root = 6.552963633225e+01
500 a 0.2 9 18 root = 6.80449192507e+01
500 a 0.2 9 19 root = 7.05493633225e+01
500 a 0.2 9 20 root = 7.30362519252e+01
500 a 0.2 9 21 root = 7.550773696365e+01
500 a 0.2 9 22 root = 7.7964772911621e+01
500 a 0.2 9 23 root = 8.040832081674e+02
500 a 0.2 9 24 root = 1.004282026167e+02
500 a 0.2 9 25 root = 1.0430161778957e+02
500 a 0.2 9 26 root = 1.0814731247037e+02
500 a 0.2 9 27 root = 1.1193682033778e+02
500 a 0.2 9 28 root = 1.156821414629e+02
500 a 0.2 9 29 root = 1.1937163944227e+02

c
c

500 a 0.2 10 1 root = 1.5033468204614e+01
500 a 0.2 10 2 root = 1.902963639304e+01
500 a 0.2 10 3 root = 2.252727538778e+01
500 a 0.2 10 4 root = 2.5142605125242e+01
500 a 0.2 10 5 root = 2.75344594291609e+01
500 a 0.2 10 6 root = 2.972429515861e+01
500 a 0.2 10 7 root = 3.17633636345e+01
500 a 0.2 10 8 root = 3.3648323077650e+01
500 a 0.2 10 9 root = 3.5376711037694e+01
500 a 0.2 10 10 root = 3.69568218118217e+01
500 a 0.2 10 11 root = 3.8477741528950e+01
500 a 0.2 10 12 root = 3.993487639478e+01
500 a 0.2 10 13 root = 4.13310232345e+01
500 a 0.2 10 14 root = 4.2667761772507e+01
500 a 0.2 10 15 root = 4.394743827473e+01
500 a 0.2 10 16 root = 4.517633636345e+01
500 a 0.2 10 17 root = 4.635073636345e+01
500 a 0.2 10 18 root = 4.74723636345e+01
500 a 0.2 10 19 root = 4.853487639478e+01
500 a 0.2 10 20 root = 4.953776118217e+01
500 a 0.2 10 21 root = 5.048125730374e+01
500 a 0.2 10 22 root = 5.137618118217e+01
500 a 0.2 10 23 root = 5.22125730374e+01
500 a 0.2 10 24 root = 5.29945738229e+01
500 a 0.2 10 25 root = 5.372363636345e+01
500 a 0.2 10 26 root = 5.44023639478e+01
500 a 0.2 10 27 root = 5.50310232345e+01
500 a 0.2 10 28 root = 5.561037639478e+01
500 a 0.2 10 29 root = 5.61493636345e+01
500 a 0.2 10 30 root = 5.6648323077650e+01

```

c
c
500 .a .a 0.2 1 11 n 1 root = 1.811476292401e+01
500 .a .a 0.2 1 11 n 2 root = 2.02323463944831e+01
500 .a .a 0.2 1 11 n 3 root = 2.38880311457621e+01
500 .a .a 0.2 1 11 n 4 root = 2.74012895861711e+01
500 .a .a 0.2 1 11 n 5 root = 3.02328776857571e+01
500 .a .a 0.2 1 11 n 6 root = 3.41788169380221e+01
500 .a .a 0.2 1 11 n 7 root = 3.74690932026581e+01
500 .a .a 0.2 1 11 n 8 root = 4.075913087623371e+01
500 .a .a 0.2 1 11 n 9 root = 4.40707622395201e+01
500 .a .a 0.2 1 11 n 10 root = 4.73932780278101e+01
500 .a .a 0.2 1 11 n 11 root = 5.065320458678591e+01
500 .a .a 0.2 1 11 n 12 root = 5.40535806610841e+01
500 .a .a 0.2 1 11 n 13 root = 5.74934589789591e+01
500 .a .a 0.2 1 11 n 14 root = 6.09712772547581e+01
500 .a .a 0.2 1 11 n 15 root = 6.42046811425551e+01
500 .a .a 0.2 1 11 n 16 root = 6.80041688009441e+01
500 .a .a 0.2 1 11 n 17 root = 7.17027800363011e+01
500 .a .a 0.2 1 11 n 18 root = 7.53584880619381e+01
500 .a .a 0.2 1 11 n 19 root = 7.9038389670811e+01
500 .a .a 0.2 1 11 n 20 root = 8.27412270176241e+01
500 .a .a 0.2 1 11 n 21 root = 8.64677126154551e+01
500 .a .a 0.2 1 11 n 22 root = 9.02124200417931e+01
500 .a .a 0.2 1 11 n 23 root = 9.39730682086011e+01
500 .a .a 0.2 1 11 n 24 root = 9.77462800331611e+01
500 .a .a 0.2 1 11 n 25 root = 1.01534326322871e+02
500 .a .a 0.2 1 11 n 26 root = 1.05331862768441e+02
500 .a .a 0.2 1 11 n 27 root = 1.09130467003911e+02
500 .a .a 0.2 1 11 n 28 root = 1.12934183881311e+02
500 .a .a 0.2 1 11 n 29 root = 1.16776812880821e+02
500 .a .a 0.2 1 11 n 30 root = 1.20606895409181e+02

```

```

c
c
500 .a .a 0.2 1 12 n 1 root = 1.75504947041361e+01
500 .a .a 0.2 1 12 n 2 root = 2.13739721824291e+01
500 .a .a 0.2 1 12 n 3 root = 2.51010385743211e+01
500 .a .a 0.2 1 12 n 4 root = 2.88494978788351e+01
500 .a .a 0.2 1 12 n 5 root = 3.2636882363391e+01
500 .a .a 0.2 1 12 n 6 root = 3.64761083873711e+01
500 .a .a 0.2 1 12 n 7 root = 3.98149571588371e+01
500 .a .a 0.2 1 12 n 8 root = 4.21458461492781e+01
500 .a .a 0.2 1 12 n 9 root = 4.54046015158021e+01
500 .a .a 0.2 1 12 n 10 root = 4.86834625331831e+01
500 .a .a 0.2 1 12 n 11 root = 5.19722877311941e+01
500 .a .a 0.2 1 12 n 12 root = 5.52682895353021e+01
500 .a .a 0.2 1 12 n 13 root = 5.86507887032571e+01
500 .a .a 0.2 1 12 n 14 root = 6.20049827781301e+01
500 .a .a 0.2 1 12 n 15 root = 6.53094888278841e+01
500 .a .a 0.2 1 12 n 16 root = 6.90481054769351e+01
500 .a .a 0.2 1 12 n 17 root = 7.26102108949331e+01
500 .a .a 0.2 1 12 n 18 root = 7.58714883338341e+01
500 .a .a 0.2 1 12 n 19 root = 7.99469450889911e+01
500 .a .a 0.2 1 12 n 20 root = 8.30107931303341e+01
500 .a .a 0.2 1 12 n 21 root = 8.71888747007841e+01
500 .a .a 0.2 1 12 n 22 root = 9.0107812917951e+01
500 .a .a 0.2 1 12 n 23 root = 9.48400789948021e+01
500 .a .a 0.2 1 12 n 24 root = 9.83888831700581e+01
500 .a .a 0.2 1 12 n 25 root = 1.02147762724321e+02
500 .a .a 0.2 1 12 n 26 root = 1.05821489899461e+02
500 .a .a 0.2 1 12 n 27 root = 1.09700287747361e+02
500 .a .a 0.2 1 12 n 28 root = 1.13801884247361e+02
500 .a .a 0.2 1 12 n 29 root = 1.17306301438821e+02
500 .a .a 0.2 1 12 n 30 root = 1.2118819476581e+02

```

c
c
c

50	500	.a	.a	.0.2	1	13	n	1	root = 1.0351281495946e+01
50	500	.a	.a	.0.2	1	13	n	2	root = 2.2539317071273e+01
50	500	.a	.a	.0.2	1	13	n	3	root = 2.637116156250e+01
50	500	.a	.a	.0.2	1	13	n	4	root = 2.989316476294e+01
50	500	.a	.a	.0.2	1	13	n	5	root = 3.3363193320735e+01
50	500	.a	.a	.0.2	1	13	n	6	root = 3.6767037116944e+01
50	500	.a	.a	.0.2	1	13	n	7	root = 4.012229494624e+01
50	500	.a	.a	.0.2	1	13	n	8	root = 4.3442315700734e+01
50	500	.a	.a	.0.2	1	13	n	9	root = 4.6737079555526e+01
50	500	.a	.a	.0.2	1	13	n	10	root = 5.0016571159462e+01
50	500	.a	.a	.0.2	1	13	n	11	root = 5.3290207011239e+01
50	500	.a	.a	.0.2	1	13	n	12	root = 5.6574682104494e+01
50	500	.a	.a	.0.2	1	13	n	13	root = 5.988493309520e+01
50	500	.a	.a	.0.2	1	13	n	14	root = 6.3239139894795e+01
50	500	.a	.a	.0.2	1	13	n	15	root = 6.6641107311625e+01
50	500	.a	.a	.0.2	1	13	n	16	root = 7.0094762929474e+01
50	500	.a	.a	.0.2	1	13	n	17	root = 7.3599461705730e+01
50	500	.a	.a	.0.2	1	13	n	18	root = 7.714761475605e+01
50	500	.a	.a	.0.2	1	13	n	19	root = 8.072784444425e+01
50	500	.a	.a	.0.2	1	13	n	20	root = 8.434692747630e+01
50	500	.a	.a	.0.2	1	13	n	21	root = 8.7993361416205e+01
50	500	.a	.a	.0.2	1	13	n	22	root = 9.166265666714e+01
50	500	.a	.a	.0.2	1	13	n	23	root = 9.535331996924e+01
50	500	.a	.a	.0.2	1	13	n	24	root = 9.906692163972e+01
50	500	.a	.a	.0.2	1	13	n	25	root = 1.028134e103969e+02
50	500	.a	.a	.0.2	1	13	n	26	root = 1.063611743246e+02
50	500	.a	.a	.0.2	1	13	n	27	root = 1.1032226114214e+02
50	500	.a	.a	.0.2	1	13	n	28	root = 1.1459290017221e+02
50	500	.a	.a	.0.2	1	13	n	29	root = 1.19179301158425e+02
50	500	.a	.a	.0.2	1	13	n	30	root = 1.24167294604952e+02

c
c
c

50	500	.a	.a	.0.2	1	14	n	1	root = 1.944770310695e+01
50	500	.a	.a	.0.2	1	14	n	2	root = 2.393203837468e+01
50	500	.a	.a	.0.2	1	14	n	3	root = 2.7937633381744e+01
50	500	.a	.a	.0.2	1	14	n	4	root = 3.1120221439423e+01
50	500	.a	.a	.0.2	1	14	n	5	root = 3.462112394625e+01
50	500	.a	.a	.0.2	1	14	n	6	root = 3.804724244401e+01
50	500	.a	.a	.0.2	1	14	n	7	root = 4.1421428016136e+01
50	500	.a	.a	.0.2	1	14	n	8	root = 4.475790821941e+01
50	500	.a	.a	.0.2	1	14	n	9	root = 4.806264622735e+01
50	500	.a	.a	.0.2	1	14	n	10	root = 5.1351984069317e+01
50	500	.a	.a	.0.2	1	14	n	11	root = 5.462351381394e+01
50	500	.a	.a	.0.2	1	14	n	12	root = 5.7882612735310e+01
50	500	.a	.a	.0.2	1	14	n	13	root = 6.117200463804e+01
50	500	.a	.a	.0.2	1	14	n	14	root = 6.448329463099e+01
50	500	.a	.a	.0.2	1	14	n	15	root = 6.782945813211e+01
50	500	.a	.a	.0.2	1	14	n	16	root = 7.120164813074e+01
50	500	.a	.a	.0.2	1	14	n	17	root = 7.460274161458e+01
50	500	.a	.a	.0.2	1	14	n	18	root = 7.814589733125e+01
50	500	.a	.a	.0.2	1	14	n	19	root = 8.183029222570e+01
50	500	.a	.a	.0.2	1	14	n	20	root = 8.525112344527e+01
50	500	.a	.a	.0.2	1	14	n	21	root = 8.889515114500e+01
50	500	.a	.a	.0.2	1	14	n	22	root = 9.24687823329e+01
50	500	.a	.a	.0.2	1	14	n	23	root = 9.614611738311e+01
50	500	.a	.a	.0.2	1	14	n	24	root = 9.9830114013819e+01
50	500	.a	.a	.0.2	1	14	n	25	root = 1.0353198804625e+02
50	500	.a	.a	.0.2	1	14	n	26	root = 1.072514182323e+02
50	500	.a	.a	.0.2	1	14	n	27	root = 1.1098242370478e+02
50	500	.a	.a	.0.2	1	14	n	28	root = 1.1472930446030e+02
50	500	.a	.a	.0.2	1	14	n	29	root = 1.1849820168297e+02
50	500	.a	.a	.0.2	1	14	n	30	root = 1.2228905392028e+02

```

c
c
c
sp = 500. a = 0.2 i = 15 n = 1 root = 2.094023932046e+01
sp = 500. a = 0.2 i = 15 n = 2 root = 2.04643782577359e+01
sp = 500. a = 0.2 i = 15 n = 3 root = 2.8687430563727e+01
sp = 500. a = 0.2 i = 15 n = 4 root = 3.2344443539999e+01
sp = 500. a = 0.2 i = 15 n = 5 root = 3.5871194465520e+01
sp = 500. a = 0.2 i = 15 n = 6 root = 3.9315068943094e+01
sp = 500. a = 0.2 i = 15 n = 7 root = 4.2712457717135e+01
sp = 500. a = 0.2 i = 15 n = 8 root = 4.6052021910354e+01
sp = 500. a = 0.5 i = 15 n = 9 root = 4.9336709494521e+01
sp = 500. a = 0.2 i = 15 n = 10 root = 5.25394355e4330e+01
sp = 500. a = 0.2 i = 15 n = 11 root = 5.569455137971e+01
sp = 500. a = 0.2 i = 15 n = 12 root = 5.874251140327e+01
sp = 500. a = 0.2 i = 15 n = 13 root = 6.250171141935e+01
sp = 500. a = 0.2 i = 15 n = 14 root = 6.573293073227e+01
sp = 500. a = 0.2 i = 15 n = 15 root = 6.9003094529704e+01
sp = 500. a = 0.2 i = 15 n = 16 root = 7.323047625219e+01
sp = 500. a = 0.2 i = 15 n = 17 root = 7.748100536594e+01
sp = 500. a = 0.2 i = 15 n = 18 root = 7.923047625219e+01
sp = 500. a = 0.2 i = 15 n = 19 root = 8.270557460095e+01
sp = 500. a = 0.2 i = 15 n = 20 root = 8.6223930942695e+01
sp = 500. a = 0.2 i = 15 n = 21 root = 8.978018027272e+01
sp = 500. a = 0.2 i = 15 n = 22 root = 9.3270107660935e+01
sp = 500. a = 0.2 i = 15 n = 23 root = 9.699329490699e+01
sp = 500. a = 0.2 i = 15 n = 24 root = 1.0053539e2 7800e+02
sp = 500. a = 0.2 i = 15 n = 25 root = 1.043033072552e+02
sp = 500. a = 0.2 i = 15 n = 26 root = 1.079973607980e+02
sp = 500. a = 0.2 i = 15 n = 27 root = 1.116992523932e+02
sp = 500. a = 0.2 i = 15 n = 28 root = 1.1542213161355e+02
sp = 500. a = 0.2 i = 15 n = 29 root = 1.1915935630527e+02
sp = 500. a = 0.2 i = 15 n = 30 root = 1.2290932056793e+02
c
c
c
sp = 500. a = 0.3 i = 1 n = 1 root = 5.0409909497891e+00
sp = 500. a = 0.3 i = 1 n = 2 root = 9.3117006757732e+00
sp = 500. a = 0.3 i = 1 n = 3 root = 1.3698169533916e+01
sp = 500. a = 0.3 i = 1 n = 4 root = 1.813023629292e+01
sp = 500. a = 0.3 i = 1 n = 5 root = 2.2583626515777e+01
sp = 500. a = 0.3 i = 1 n = 6 root = 2.7047503369981e+01
sp = 500. a = 0.3 i = 1 n = 7 root = 3.1518315299610e+01
sp = 500. a = 0.3 i = 1 n = 8 root = 3.55332677992e+01
sp = 500. a = 0.3 i = 1 n = 9 root = 4.0471173011320e+01
sp = 500. a = 0.3 i = 1 n = 10 root = 4.495102029405e+01
sp = 500. a = 0.3 i = 1 n = 11 root = 4.943230530775e+01
sp = 500. a = 0.3 i = 1 n = 12 root = 5.3914744999350e+01
sp = 500. a = 0.3 i = 1 n = 13 root = 5.839800989482e+01
sp = 500. a = 0.3 i = 1 n = 14 root = 6.2891944453972e+01
sp = 500. a = 0.3 i = 1 n = 15 root = 6.7396117091164e+01
sp = 500. a = 0.3 i = 1 n = 16 root = 7.1851328270111e+01
sp = 500. a = 0.3 i = 1 n = 17 root = 7.636697609999e+01
sp = 500. a = 0.3 i = 1 n = 18 root = 8.082169144763e+01
sp = 500. a = 0.3 i = 1 n = 19 root = 8.5307994201960e+01
sp = 500. a = 0.3 i = 1 n = 20 root = 8.9794035204333e+01
sp = 500. a = 0.3 i = 1 n = 21 root = 9.4280851154767e+01
sp = 500. a = 0.3 i = 1 n = 22 root = 9.8769594701029e+01
sp = 500. a = 0.3 i = 1 n = 23 root = 1.032531719829e+02
sp = 500. a = 0.3 i = 1 n = 24 root = 1.077398197949e+02
sp = 500. a = 0.3 i = 1 n = 25 root = 1.122267798943e+02
sp = 500. a = 0.3 i = 1 n = 26 root = 1.1671392151773e+02
sp = 500. a = 0.3 i = 1 n = 27 root = 1.2120039499461e+02
sp = 500. a = 0.3 i = 1 n = 28 root = 1.256873320487e+02
sp = 500. a = 0.3 i = 1 n = 29 root = 1.3017443287117e+02
sp = 500. a = 0.3 i = 1 n = 30 root = 1.3466157815061e+02

```


c
c

500 a= 0.3 l= 4 n= 1 root = 8.20078322+1697e+00
500 a= 0.3 l= 4 n= 2 root = 1.186949620333e+01
500 a= 0.3 l= 4 n= 3 root = 1.5553131111760e+01
500 a= 0.3 l= 4 n= 4 root = 1.970777209720e+01
500 a= 0.3 l= 4 n= 5 root = 2.357427159581e+01
500 a= 0.3 l= 4 n= 6 root = 2.8135781791770e+01
500 a= 0.3 l= 4 n= 7 root = 3.2457317291950e+01
500 a= 0.3 l= 4 n= 8 root = 3.6918374712930e+01
500 a= 0.3 l= 4 n= 9 root = 4.120263046504e+01
500 a= 0.3 l= 4 n= 10 root = 4.5611419487831e+01
500 a= 0.3 l= 4 n= 11 root = 5.003677982493e+01
500 a= 0.3 l= 4 n= 12 root = 5.4468777306959e+01
500 a= 0.3 l= 4 n= 13 root = 5.890846512330e+01
500 a= 0.3 l= 4 n= 14 root = 6.3357532945719e+01
500 a= 0.3 l= 4 n= 15 root = 6.781053957987e+01
500 a= 0.3 l= 4 n= 16 root = 7.226783293914e+01
500 a= 0.3 l= 4 n= 17 root = 7.67267773012208e+01
500 a= 0.3 l= 4 n= 18 root = 8.1193696169505e+01
500 a= 0.3 l= 4 n= 19 root = 8.565677877362e+01
500 a= 0.3 l= 4 n= 20 root = 9.012763989932e+01
500 a= 0.3 l= 4 n= 21 root = 9.4596033690881e+01
500 a= 0.3 l= 4 n= 22 root = 9.907022676830e+01
500 a= 0.3 l= 4 n= 23 root = 1.0394337715675e+02
500 a= 0.3 l= 4 n= 24 root = 1.0801798438169e+02
500 a= 0.3 l= 4 n= 25 root = 1.124536397880e+02
500 a= 0.3 l= 4 n= 26 root = 1.1687023451162e+02
500 a= 0.3 l= 4 n= 27 root = 1.2144788241042e+02
500 a= 0.3 l= 4 n= 28 root = 1.2592397538740e+02
500 a= 0.3 l= 4 n= 29 root = 1.304047403836e+02
500 a= 0.3 l= 4 n= 30 root = 1.3488421944005e+02

c
c

500 a= 0.3 l= 5 n= 1 root = 9.3506+57037022e+00
500 a= 0.3 l= 5 n= 2 root = 1.3039110571059e+01
500 a= 0.3 l= 5 n= 3 root = 1.6948304402e+01
500 a= 0.3 l= 5 n= 4 root = 2.094463463535e+01
500 a= 0.3 l= 5 n= 5 root = 2.4575159751018e+01
500 a= 0.3 l= 5 n= 6 root = 2.8730440512360e+01
500 a= 0.3 l= 5 n= 7 root = 3.297294932515e+01
500 a= 0.3 l= 5 n= 8 root = 3.7272772681915e+01
500 a= 0.3 l= 5 n= 9 root = 4.161040570245e+01
500 a= 0.3 l= 5 n= 10 root = 4.598063450961e+01
500 a= 0.3 l= 5 n= 11 root = 5.0370007129332e+01
500 a= 0.3 l= 5 n= 12 root = 5.4779457826818e+01
500 a= 0.3 l= 5 n= 13 root = 5.9193307244940e+01
500 a= 0.3 l= 5 n= 14 root = 6.3621039571188e+01
500 a= 0.3 l= 5 n= 15 root = 6.805936158698e+01
500 a= 0.3 l= 5 n= 16 root = 7.2487370122440e+01
500 a= 0.3 l= 5 n= 17 root = 7.694624888825e+01
500 a= 0.3 l= 5 n= 18 root = 8.13816103739e+01
500 a= 0.3 l= 5 n= 19 root = 8.583363670719e+01
500 a= 0.3 l= 5 n= 20 root = 9.031272182048e+01
500 a= 0.3 l= 5 n= 21 root = 9.4774362953771e+01
500 a= 0.3 l= 5 n= 22 root = 9.92380782335e+01
500 a= 0.3 l= 5 n= 23 root = 1.037044702997e+02
500 a= 0.3 l= 5 n= 24 root = 1.0817237690039e+02
500 a= 0.3 l= 5 n= 25 root = 1.1284189479690e+02
500 a= 0.3 l= 5 n= 26 root = 1.171188501093e+02
500 a= 0.3 l= 5 n= 27 root = 1.219846870447e+02
500 a= 0.3 l= 5 n= 28 root = 1.260822777780e+02
500 a= 0.3 l= 5 n= 29 root = 1.305326786948e+02
500 a= 0.3 l= 5 n= 30 root = 1.3500763129889e+02

c
c

```
se = 500. a = 0.3 i = 6 n = 1 root = 1.051403699991e+01
se = 500. a = 0.3 i = 6 n = 2 root = 1.4253170417476e+01
se = 500. a = 0.3 i = 6 n = 3 root = 1.7812153676856e+01
se = 500. a = 0.3 i = 6 n = 4 root = 2.1510297312170e+01
se = 500. a = 0.3 i = 6 n = 5 root = 2.5394907072185e+01
se = 500. a = 0.3 i = 6 n = 6 root = 2.943518225949e+01
se = 500. a = 0.3 i = 6 n = 7 root = 3.366532450394e+01
se = 500. a = 0.3 i = 6 n = 8 root = 3.7814563112576e+01
se = 500. a = 0.3 i = 6 n = 9 root = 4.2086942713111e+01
se = 500. a = 0.3 i = 6 n = 10 root = 4.648894603734e+01
se = 500. a = 0.3 i = 6 n = 11 root = 5.0769931051893e+01
se = 500. a = 0.3 i = 6 n = 12 root = 5.5142576856702e+01
se = 500. a = 0.3 i = 6 n = 13 root = 5.9535369161670e+01
se = 500. a = 0.3 i = 6 n = 14 root = 6.3951530939505e+01
se = 500. a = 0.3 i = 6 n = 15 root = 7.279472772851e+01
se = 500. a = 0.3 i = 6 n = 16 root = 7.7026650034790e+01
se = 500. a = 0.3 i = 6 n = 17 root = 8.1644443827935e+01
se = 500. a = 0.3 i = 6 n = 18 root = 8.668787626715e+01
se = 500. a = 0.3 i = 6 n = 19 root = 9.0534602691643e+01
se = 500. a = 0.3 i = 6 n = 20 root = 9.496675934136e+01
se = 500. a = 0.3 i = 6 n = 21 root = 9.94423882935e+01
se = 500. a = 0.3 i = 6 n = 22 root = 1.0399761194278e+02
se = 500. a = 0.3 i = 6 n = 23 root = 1.0835752017641e+02
se = 500. a = 0.3 i = 6 n = 24 root = 1.1261966176004e+02
se = 500. a = 0.3 i = 6 n = 25 root = 1.17057837663e+02
se = 500. a = 0.3 i = 6 n = 26 root = 1.217496959392e+02
se = 500. a = 0.3 i = 6 n = 27 root = 1.2621711017768e+02
se = 500. a = 0.3 i = 6 n = 28 root = 1.30995712034e+02
se = 500. a = 0.3 i = 6 n = 29 root = 1.351561237725e+02
se = 500. a = 0.3 i = 6 n = 30 root = 1.391403699991e+02
```

c
c

```
se = 500. a = 0.3 i = 7 n = 1 root = 1.1667315651197e+01
se = 500. a = 0.3 i = 7 n = 2 root = 1.5432673500706e+01
se = 500. a = 0.3 i = 7 n = 3 root = 1.8994132762947e+01
se = 500. a = 0.3 i = 7 n = 4 root = 2.298269191563e+01
se = 500. a = 0.3 i = 7 n = 5 root = 2.6326699594135e+01
se = 500. a = 0.3 i = 7 n = 6 root = 3.0245201476584e+01
se = 500. a = 0.3 i = 7 n = 7 root = 3.4295032328259e+01
se = 500. a = 0.3 i = 7 n = 8 root = 3.8442059180077e+01
se = 500. a = 0.3 i = 7 n = 9 root = 4.2656253262601e+01
se = 500. a = 0.3 i = 7 n = 10 root = 4.6927189692679e+01
se = 500. a = 0.3 i = 7 n = 11 root = 5.1233946339437e+01
se = 500. a = 0.3 i = 7 n = 12 root = 5.5699113133630e+01
se = 500. a = 0.3 i = 7 n = 13 root = 5.987442361308e+01
se = 500. a = 0.3 i = 7 n = 14 root = 6.4303936653731e+01
se = 500. a = 0.3 i = 7 n = 15 root = 6.8694799729677e+01
se = 500. a = 0.3 i = 7 n = 16 root = 7.337851035961e+01
se = 500. a = 0.3 i = 7 n = 17 root = 7.7510387672793e+01
se = 500. a = 0.3 i = 7 n = 18 root = 8.193136932425e+01
se = 500. a = 0.3 i = 7 n = 19 root = 8.636363376266e+01
se = 500. a = 0.3 i = 7 n = 20 root = 9.0793152158070e+01
se = 500. a = 0.3 i = 7 n = 21 root = 9.5232122047417e+01
se = 500. a = 0.3 i = 7 n = 22 root = 9.9676506777631e+01
se = 500. a = 0.3 i = 7 n = 23 root = 1.0412273767626e+02
se = 500. a = 0.3 i = 7 n = 24 root = 1.085733759694e+02
se = 500. a = 0.3 i = 7 n = 25 root = 1.1302680849741e+02
se = 500. a = 0.3 i = 7 n = 26 root = 1.1746510315766e+02
se = 500. a = 0.3 i = 7 n = 27 root = 1.2194162025769e+02
se = 500. a = 0.3 i = 7 n = 28 root = 1.26402692394e+02
se = 500. a = 0.3 i = 7 n = 29 root = 1.308678943104e+02
se = 500. a = 0.3 i = 7 n = 30 root = 1.353266627094e+02
```

c
c

```
500 .a . 0.3 | . 8 n = 1 root = 1.27908461173884+01
500 .a . 0.3 | . 8 n = 2 root = 1.6843039255974+01
500 .a . 0.3 | . 8 n = 3 root = 2.02106176201034+01
500 .a . 0.3 | . 8 n = 4 root = 2.37365045076204+01
500 .a . 0.3 | . 8 n = 5 root = 2.73942881752074+01
500 .a . 0.3 | . 8 n = 6 root = 3.11850417320014+01
500 .a . 0.3 | . 8 n = 7 root = 3.5099330202056+01
500 .a . 0.3 | . 8 n = 8 root = 3.9153488992244+01
500 .a . 0.3 | . 8 n = 9 root = 4.3257483366574+01
500 .a . 0.3 | . 8 n = 10 root = 4.75059400459414+01
500 .a . 0.3 | . 8 n = 11 root = 5.17818123517494+01
500 .a . 0.3 | . 8 n = 12 root = 5.62500801616014+01
500 .a . 0.3 | . 8 n = 13 root = 6.0377233571984+01
500 .a . 0.3 | . 8 n = 14 root = 6.47284467418604+01
500 .a . 0.3 | . 8 n = 15 root = 6.90851902930694+01
500 .a . 0.3 | . 8 n = 16 root = 7.34681574073894+01
500 .a . 0.3 | . 8 n = 17 root = 7.78689483959074+01
500 .a . 0.3 | . 8 n = 18 root = 8.22867094327214+01
500 .a . 0.3 | . 8 n = 19 root = 8.68236751384634+01
500 .a . 0.3 | . 8 n = 20 root = 9.10882574792694+01
500 .a . 0.3 | . 8 n = 21 root = 9.5913332950924+01
500 .a . 0.3 | . 8 n = 22 root = 9.9940326191144+01
500 .a . 0.3 | . 8 n = 23 root = 1.04379757473264+02
500 .a . 0.3 | . 8 n = 24 root = 1.08919752190454+02
500 .a . 0.3 | . 8 n = 25 root = 1.1353333307494+02
500 .a . 0.3 | . 8 n = 26 root = 1.17710727252014+02
500 .a . 0.3 | . 8 n = 27 root = 1.2216090218894+02
500 .a . 0.3 | . 8 n = 28 root = 1.26613792631714+02
500 .a . 0.3 | . 8 n = 29 root = 1.31083254620124+02
500 .a . 0.3 | . 8 n = 30 root = 1.35529450057294+02
```

c
c

```
500 .a . 0.3 | . 9 n = 1 root = 1.39158366041604+01
500 .a . 0.3 | . 9 n = 2 root = 1.78303711570504+01
500 .a . 0.3 | . 9 n = 3 root = 2.14387403298114+01
500 .a . 0.3 | . 9 n = 4 root = 2.49395043736034+01
500 .a . 0.3 | . 9 n = 5 root = 2.84618711639524+01
500 .a . 0.3 | . 9 n = 6 root = 3.21069768146354+01
500 .a . 0.3 | . 9 n = 7 root = 3.5889493163104+01
500 .a . 0.3 | . 9 n = 8 root = 3.98169574699564+01
500 .a . 0.3 | . 9 n = 9 root = 4.40105230134154+01
500 .a . 0.3 | . 9 n = 10 root = 4.81526930047894+01
500 .a . 0.3 | . 9 n = 11 root = 5.23534437336334+01
500 .a . 0.3 | . 9 n = 12 root = 5.65997012627464+01
500 .a . 0.3 | . 9 n = 13 root = 6.08816423006664+01
500 .a . 0.3 | . 9 n = 14 root = 6.51920129874154+01
500 .a . 0.3 | . 9 n = 15 root = 6.9525778516904+01
500 .a . 0.3 | . 9 n = 16 root = 7.38773603108364+01
500 .a . 0.3 | . 9 n = 17 root = 7.8243390379794+01
500 .a . 0.3 | . 9 n = 18 root = 8.26303022191204+01
500 .a . 0.3 | . 9 n = 19 root = 8.7038304213264+01
500 .a . 0.3 | . 9 n = 20 root = 9.1467056317974+01
500 .a . 0.3 | . 9 n = 21 root = 9.59268807826774+01
500 .a . 0.3 | . 9 n = 22 root = 1.0044948010374+02
500 .a . 0.3 | . 9 n = 23 root = 1.04666571940684+02
500 .a . 0.3 | . 9 n = 24 root = 1.0905657333944+02
500 .a . 0.3 | . 9 n = 25 root = 1.13628517945734+02
500 .a . 0.3 | . 9 n = 26 root = 1.183836043674+02
500 .a . 0.3 | . 9 n = 27 root = 1.23407361406744+02
500 .a . 0.3 | . 9 n = 28 root = 1.2869443230654+02
500 .a . 0.3 | . 9 n = 29 root = 1.3425817031084+02
500 .a . 0.3 | . 9 n = 30 root = 1.35749420001874+02
```

c
c

se = 500. a = 0.3 i = 10 n = 1 root = 1.5033472351103e+01
se = 500. a = 0.3 i = 10 n = 2 root = 1.932550251600e+01
se = 500. a = 0.3 i = 10 n = 3 root = 2.636557433876e+01
se = 500. a = 0.3 i = 10 n = 4 root = 2.6170781097916e+01
se = 500. a = 0.3 i = 10 n = 5 root = 2.936094470497e+01
se = 500. a = 0.3 i = 10 n = 6 root = 3.3279113066501e+01
se = 500. a = 0.3 i = 10 n = 7 root = 3.695994882702e+01
se = 500. a = 0.3 i = 10 n = 8 root = 4.061983821346e+01
se = 500. a = 0.3 i = 10 n = 9 root = 4.479077675359e+01
se = 500. a = 0.3 i = 10 n = 10 root = 4.865789439502e+01
se = 500. a = 0.3 i = 10 n = 11 root = 5.300771266756e+01
se = 500. a = 0.3 i = 10 n = 12 root = 5.720230051904e+01
se = 500. a = 0.3 i = 10 n = 13 root = 6.144008630293e+01
se = 500. a = 0.3 i = 10 n = 14 root = 6.571214432698e+01
se = 500. a = 0.3 i = 10 n = 15 root = 7.001202707334e+01
se = 500. a = 0.3 i = 10 n = 16 root = 7.435413717756e+01
se = 500. a = 0.3 i = 10 n = 17 root = 7.8676392954613e+01
se = 500. a = 0.3 i = 10 n = 18 root = 8.303393636932e+01
se = 500. a = 0.3 i = 10 n = 19 root = 8.744425253394e+01
se = 500. a = 0.3 i = 10 n = 20 root = 9.1787407263693e+01
se = 500. a = 0.3 i = 10 n = 21 root = 9.6179765271241e+01
se = 500. a = 0.3 i = 10 n = 22 root = 1.0056026949559e+02
se = 500. a = 0.3 i = 10 n = 23 root = 1.049900666390e+02
se = 500. a = 0.3 i = 10 n = 24 root = 1.0940400356306e+02
se = 500. a = 0.3 i = 10 n = 25 root = 1.1380471291323e+02
se = 500. a = 0.3 i = 10 n = 26 root = 1.1820054126932e+02
se = 500. a = 0.3 i = 10 n = 27 root = 1.2260002759882e+02
se = 500. a = 0.3 i = 10 n = 28 root = 1.271038967267e+02
se = 500. a = 0.3 i = 10 n = 29 root = 1.316236102737e+02
se = 500. a = 0.3 i = 10 n = 30 root = 1.362694595940e+02

c
c

se = 500. a = 0.3 i = 11 n = 1 root = 1.6144747694698e+01
se = 500. a = 0.3 i = 11 n = 2 root = 2.020359425946e+01
se = 500. a = 0.3 i = 11 n = 3 root = 2.3887674440120e+01
se = 500. a = 0.3 i = 11 n = 4 root = 2.7412244005032e+01
se = 500. a = 0.3 i = 11 n = 5 root = 3.0861072319815e+01
se = 500. a = 0.3 i = 11 n = 6 root = 3.433824635429e+01
se = 500. a = 0.3 i = 11 n = 7 root = 3.8009429712333e+01
se = 500. a = 0.3 i = 11 n = 8 root = 4.1769443326690e+01
se = 500. a = 0.3 i = 11 n = 9 root = 4.5657519344613e+01
se = 500. a = 0.3 i = 11 n = 10 root = 4.9649594522935e+01
se = 500. a = 0.3 i = 11 n = 11 root = 5.3723697929453e+01
se = 500. a = 0.3 i = 11 n = 12 root = 5.7862571242675e+01
se = 500. a = 0.3 i = 11 n = 13 root = 6.2052125791149e+01
se = 500. a = 0.3 i = 11 n = 14 root = 6.628427468947e+01
se = 500. a = 0.3 i = 11 n = 15 root = 7.054767950191e+01
se = 500. a = 0.3 i = 11 n = 16 root = 7.483236325739e+01
se = 500. a = 0.3 i = 11 n = 17 root = 7.9146373634066e+01
se = 500. a = 0.3 i = 11 n = 18 root = 8.3481377044413e+01
se = 500. a = 0.3 i = 11 n = 19 root = 8.7839410189355e+01
se = 500. a = 0.3 i = 11 n = 20 root = 9.2191160051938e+01
se = 500. a = 0.3 i = 11 n = 21 root = 9.664969931785e+01
se = 500. a = 0.3 i = 11 n = 22 root = 1.0094946263659e+02
se = 500. a = 0.3 i = 11 n = 23 root = 1.0534113300811e+02
se = 500. a = 0.3 i = 11 n = 24 root = 1.097416379407e+02
se = 500. a = 0.3 i = 11 n = 25 root = 1.141420428207e+02
se = 500. a = 0.3 i = 11 n = 26 root = 1.185257431898e+02
se = 500. a = 0.3 i = 11 n = 27 root = 1.2288179439320e+02
se = 500. a = 0.3 i = 11 n = 28 root = 1.2740911023697e+02
se = 500. a = 0.3 i = 11 n = 29 root = 1.3181638943185e+02
se = 500. a = 0.3 i = 11 n = 30 root = 1.362932438219e+02

c
c

```
500 a 0.3 1 12 n 1 root = 1.7250494917110e+01
500 a 0.3 1 12 n 2 root = 2.1373666271110e+01
500 a 0.3 1 12 n 3 root = 2.5101375217387e+01
500 a 0.3 1 12 n 4 root = 2.8633333229100e+01
500 a 0.3 1 12 n 5 root = 3.212333342457e+01
500 a 0.3 1 12 n 6 root = 3.563333333737e+01
500 a 0.3 1 12 n 7 root = 3.912789039393e+01
500 a 0.3 1 12 n 8 root = 4.279151493930e+01
500 a 0.3 1 12 n 9 root = 4.653676915403e+01
500 a 0.3 1 12 n 10 root = 5.047253712107e+01
500 a 0.3 1 12 n 11 root = 5.4501269413403e+01
500 a 0.3 1 12 n 12 root = 5.87336615500e+01
500 a 0.3 1 12 n 13 root = 6.271729303346e+01
500 a 0.3 1 12 n 14 root = 6.690247030282e+01
500 a 0.3 1 12 n 15 root = 7.112530281582e+01
500 a 0.3 1 12 n 16 root = 7.538177694645e+01
500 a 0.3 1 12 n 17 root = 7.969080614295e+01
500 a 0.3 1 12 n 18 root = 8.396939751698e+01
500 a 0.3 1 12 n 19 root = 8.839194701361e+01
500 a 0.3 1 12 n 20 root = 9.2630790314632e+01
500 a 0.3 1 12 n 21 root = 9.693993364751e+01
500 a 0.3 1 12 n 22 root = 1.013402146711e+02
500 a 0.3 1 12 n 23 root = 1.0572463632513e+02
500 a 0.3 1 12 n 24 root = 1.101094637294e+02
500 a 0.3 1 12 n 25 root = 1.1450241516910e+02
500 a 0.3 1 15 n 26 root = 1.1890257236854e+02
500 a 0.3 1 12 n 27 root = 1.2330915039241e+02
500 a 0.3 1 12 n 28 root = 1.277214710830e+02
500 a 0.3 1 12 n 29 root = 1.32136930144e+02
500 a 0.3 1 12 n 30 root = 1.365510788221e+02
```

c
c

```
500 a 0.3 1 13 n 1 root = 1.8991261523097e+01
500 a 0.3 1 13 n 2 root = 2.233620396510e+01
500 a 0.3 1 13 n 3 root = 2.6307261515776e+01
500 a 0.3 1 13 n 4 root = 2.9690716939425e+01
500 a 0.3 1 13 n 5 root = 3.3374193919762e+01
500 a 0.3 1 13 n 6 root = 3.6881131122531e+01
500 a 0.3 1 13 n 7 root = 4.030260328772e+01
500 a 0.3 1 13 n 8 root = 4.388034641533e+01
500 a 0.3 1 13 n 9 root = 4.763814510722e+01
500 a 0.3 1 13 n 10 root = 5.1402624059395e+01
500 a 0.3 1 13 n 11 root = 5.5339149339510e+01
500 a 0.3 1 13 n 12 root = 5.935213551332e+01
500 a 0.3 1 13 n 13 root = 6.3436152297899e+01
500 a 0.3 1 13 n 14 root = 6.7571695376992e+01
500 a 0.3 1 13 n 15 root = 7.173294651949e+01
500 a 0.3 1 13 n 16 root = 7.591468297203e+01
500 a 0.3 1 13 n 17 root = 8.022027438913e+01
500 a 0.3 1 13 n 18 root = 8.4649772019732e+01
500 a 0.3 1 13 n 19 root = 8.9191112444977e+01
500 a 0.3 1 13 n 20 root = 9.3108116394949e+01
500 a 0.3 1 13 n 21 root = 9.7437201463999e+01
500 a 0.3 1 13 n 22 root = 1.017622792295e+02
500 a 0.3 1 13 n 23 root = 1.061394247651e+02
500 a 0.3 1 13 n 24 root = 1.10573692475e+02
500 a 0.3 1 13 n 25 root = 1.1498971252661e+02
500 a 0.3 1 13 n 26 root = 1.192704201574e+02
500 a 0.3 1 13 n 27 root = 1.2363332942945e+02
500 a 0.3 1 13 n 28 root = 1.280334939820e+02
500 a 0.3 1 13 n 29 root = 1.324633337635e+02
500 a 0.3 1 13 n 30 root = 1.369306279424e+02
```

```

c
c
c
500 .a .a 0.3 1 14 n 1 root = 1.947703113950e+01
500 .a .a 0.3 1 14 n 2 root = 2.369209814940e+01
500 .a .a 0.3 1 14 n 3 root = 2.7505781373071e+01
500 .a .a 0.3 1 14 n 4 root = 3.112106502553e+01
500 .a .a 0.3 1 14 n 5 root = 3.4625356310251e+01
500 .a .a 0.3 1 14 n 6 root = 3.8071987757999e+01
500 .a .a 0.3 1 14 n 7 root = 4.151775194719e+01
500 .a .a 0.3 1 14 n 8 root = 4.502657622356e+01
500 .a .a 0.3 1 14 n 9 root = 4.894461520293e+01
500 .a .a 0.3 1 14 n 10 root = 5.2984762494936e+01
500 .a .a 0.3 1 14 n 11 root = 5.7236706575530e+01
500 .a .a 0.3 1 14 n 12 root = 6.0182626724315e+01
500 .a .a 0.3 1 14 n 13 root = 6.4420531593922e+01
500 .a .a 0.3 1 14 n 14 root = 6.8230367897324e+01
500 .a .a 0.3 1 14 n 15 root = 7.2429404041693e+01
500 .a .a 0.3 1 14 n 16 root = 7.690403190999e+01
500 .a .a 0.3 1 14 n 17 root = 8.0817646777930e+01
500 .a .a 0.3 1 14 n 18 root = 8.5065271147076e+01
500 .a .a 0.3 1 14 n 19 root = 8.9327911571331e+01
500 .a .a 0.3 1 14 n 20 root = 9.3616925709963e+01
500 .a .a 0.3 1 14 n 21 root = 9.7924446566200e+01
500 .a .a 0.3 1 14 n 22 root = 1.0224795888839e+02
500 .a .a 0.3 1 14 n 23 root = 1.0656944776157e+02
500 .a .a 0.3 1 14 n 24 root = 1.1093922144638e+02
500 .a .a 0.3 1 14 n 25 root = 1.1529594051765e+02
500 .a .a 0.3 1 14 n 26 root = 1.1966906579745e+02
500 .a .a 0.3 1 14 n 27 root = 1.2409420149132e+02
500 .a .a 0.3 1 14 n 28 root = 1.2843139700350e+02
500 .a .a 0.3 1 14 n 29 root = 1.3268479008373e+02
500 .a .a 0.3 1 14 n 30 root = 1.3782403323636e+02

c
c
c
500 .a .a 0.3 1 15 n 1 root = 2.0940229826133e+01
500 .a .a 0.3 1 15 n 2 root = 2.4843762780937e+01
500 .a .a 0.3 1 15 n 3 root = 2.8974397829596e+01
500 .a .a 0.3 1 15 n 4 root = 3.2344351013560e+01
500 .a .a 0.3 1 15 n 5 root = 3.5872726573517e+01
500 .a .a 0.3 1 15 n 6 root = 3.9293697235090e+01
500 .a .a 0.3 1 15 n 7 root = 4.2700356103008e+01
500 .a .a 0.3 1 15 n 8 root = 4.6293311838790e+01
500 .a .a 0.3 1 15 n 9 root = 4.9763532156698e+01
500 .a .a 0.3 1 15 n 10 root = 5.3420419825137e+01
500 .a .a 0.3 1 15 n 11 root = 5.71338331493630e+01
500 .a .a 0.3 1 15 n 12 root = 6.1087993035395e+01
500 .a .a 0.3 1 15 n 13 root = 6.5027401787166e+01
500 .a .a 0.3 1 15 n 14 root = 6.905757649021e+01
500 .a .a 0.3 1 15 n 15 root = 7.3145372491052e+01
500 .a .a 0.3 1 15 n 16 root = 7.728062372467e+01
500 .a .a 0.3 1 15 n 17 root = 8.1462623731889e+01
500 .a .a 0.3 1 15 n 18 root = 8.5694981270180e+01
500 .a .a 0.3 1 15 n 19 root = 8.9901746699117e+01
500 .a .a 0.3 1 15 n 20 root = 9.4163128166391e+01
500 .a .a 0.3 1 15 n 21 root = 9.8494763446330e+01
500 .a .a 0.3 1 15 n 22 root = 1.0274629036620e+02
500 .a .a 0.3 1 15 n 23 root = 1.0702449346225e+02
500 .a .a 0.3 1 15 n 24 root = 1.113293039490e+02
500 .a .a 0.3 1 15 n 25 root = 1.1573957902940e+02
500 .a .a 0.3 1 15 n 26 root = 1.2006939262625e+02
500 .a .a 0.3 1 15 n 27 root = 1.244267394245e+02
500 .a .a 0.3 1 15 n 28 root = 1.288095007650e+02
500 .a .a 0.3 1 15 n 29 root = 1.3320517179031e+02
500 .a .a 0.3 1 15 n 30 root = 1.3762233357904e+02

```

```

c
c
** 500. a ** 0.4 i ** 1 n ** 1      root = 5.6363434117233e+00
** 500. a ** 0.4 i ** 1 n ** 2      root = 1.8366182218565e+01
** 500. a ** 0.4 i ** 1 n ** 3      root = 1.5960331763699e+01
** 500. a ** 0.4 i ** 1 n ** 4      root = 2.1098518493577e+01
** 500. a ** 0.4 i ** 1 n ** 5      root = 2.627130552931e+01
** 500. a ** 0.4 i ** 1 n ** 6      root = 3.1451740696925e+01
** 500. a ** 0.4 i ** 1 n ** 7      root = 3.6718291917625e+01
** 500. a ** 0.4 i ** 1 n ** 8      root = 4.194407365752e+01
** 500. a ** 0.4 i ** 1 n ** 9      root = 4.717349424503e+01
** 500. a ** 0.4 i ** 1 n ** 10     root = 5.2404201526239e+01
** 500. a ** 0.4 i ** 1 n ** 11     root = 5.7632871625389e+01
** 500. a ** 0.4 i ** 1 n ** 12     root = 6.286298032922e+01
** 500. a ** 0.4 i ** 1 n ** 13     root = 6.8101196336946e+01
** 500. a ** 0.4 i ** 1 n ** 14     root = 7.333466672957e+01
** 500. a ** 0.4 i ** 1 n ** 15     root = 7.856829003397e+01
** 500. a ** 0.4 i ** 1 n ** 16     root = 8.3802292526871e+01
** 500. a ** 0.4 i ** 1 n ** 17     root = 8.903629307010e+01
** 500. a ** 0.4 i ** 1 n ** 18     root = 9.427092629572e+01
** 500. a ** 0.4 i ** 1 n ** 19     root = 9.950595212041e+01
** 500. a ** 0.4 i ** 1 n ** 20     root = 1.047406918243e+02
** 500. a ** 0.4 i ** 1 n ** 21     root = 1.0997913757267e+02
** 500. a ** 0.4 i ** 1 n ** 22     root = 1.1521009304779e+02
** 500. a ** 0.4 i ** 1 n ** 23     root = 1.2044513818350e+02
** 500. a ** 0.4 i ** 1 n ** 24     root = 1.256830317882e+02
** 500. a ** 0.4 i ** 1 n ** 25     root = 1.309194944994e+02
** 500. a ** 0.4 i ** 1 n ** 26     root = 1.3615070823699e+02
** 500. a ** 0.4 i ** 1 n ** 27     root = 1.4138601633947e+02
** 500. a ** 0.4 i ** 1 n ** 28     root = 1.46621572304e+02
** 500. a ** 0.4 i ** 1 n ** 29     root = 1.5185677309315e+02
** 500. a ** 0.4 i ** 1 n ** 30     root = 1.5709221231899e+02

c
c
** 500. a ** 0.4 i ** 2 n ** 1      root = 6.3997201050016e+00
** 500. a ** 0.4 i ** 2 n ** 2      root = 1.117978709623e+01
** 500. a ** 0.4 i ** 2 n ** 3      root = 1.618000039139e+01
** 500. a ** 0.4 i ** 2 n ** 4      root = 2.128279432408e+01
** 500. a ** 0.4 i ** 2 n ** 5      root = 2.648307463939e+01
** 500. a ** 0.4 i ** 2 n ** 6      root = 3.169493837891e+01
** 500. a ** 0.4 i ** 2 n ** 7      root = 3.6925130350100e+01
** 500. a ** 0.4 i ** 2 n ** 8      root = 4.2062901673620e+01
** 500. a ** 0.4 i ** 2 n ** 9      root = 4.727921209663e+01
** 500. a ** 0.4 i ** 2 n ** 10     root = 5.249429449482e+01
** 500. a ** 0.4 i ** 2 n ** 11     root = 5.7722461138124e+01
** 500. a ** 0.4 i ** 2 n ** 12     root = 6.2947681205005e+01
** 500. a ** 0.4 i ** 2 n ** 13     root = 6.8174532114117e+01
** 500. a ** 0.4 i ** 2 n ** 14     root = 7.3402682250946e+01
** 500. a ** 0.4 i ** 2 n ** 15     root = 7.863187326256e+01
** 500. a ** 0.4 i ** 2 n ** 16     root = 8.386191217385e+01
** 500. a ** 0.4 i ** 2 n ** 17     root = 8.909204672694e+01
** 500. a ** 0.4 i ** 2 n ** 18     root = 9.432263333396e+01
** 500. a ** 0.4 i ** 2 n ** 19     root = 9.95577497602e+01
** 500. a ** 0.4 i ** 2 n ** 20     root = 1.047980004970e+02
** 500. a ** 0.4 i ** 2 n ** 21     root = 1.100285071849e+02
** 500. a ** 0.4 i ** 2 n ** 22     root = 1.1525347592462e+02
** 500. a ** 0.4 i ** 2 n ** 23     root = 1.204863389893e+02
** 500. a ** 0.4 i ** 2 n ** 24     root = 1.257200331089e+02
** 500. a ** 0.4 i ** 2 n ** 25     root = 1.309532327102e+02
** 500. a ** 0.4 i ** 2 n ** 26     root = 1.3618742894280e+02
** 500. a ** 0.4 i ** 2 n ** 27     root = 1.414214237619300e+02
** 500. a ** 0.4 i ** 2 n ** 28     root = 1.4665546700081e+02
** 500. a ** 0.4 i ** 2 n ** 29     root = 1.518895823232e+02
** 500. a ** 0.4 i ** 2 n ** 30     root = 1.5712403466330e+02

```

```

c
c
500. a . 0.4 i . 3 n = 1 root = 7.2793713876105e+00
500. a . 0.4 i . 3 n = 2 root = 1.17700161232377e+01
500. a . 0.4 i . 3 n = 3 root = 1.662098729216e+01
500. a . 0.4 i . 3 n = 4 root = 2.1640507769397e+01
500. a . 0.4 i . 3 n = 5 root = 2.6741267150049e+01
500. a . 0.4 i . 3 n = 6 root = 3.1865307422105e+01
500. a . 0.4 i . 3 n = 7 root = 3.709468793747e+01
500. a . 0.4 i . 3 n = 8 root = 4.2240382770119e+01
500. a . 0.4 i . 3 n = 9 root = 4.7474633999e+01
500. a . 0.4 i . 3 n = 10 root = 5.2642026158173e+01
500. a . 0.4 i . 3 n = 11 root = 5.7832273411441e+01
500. a . 0.4 i . 3 n = 12 root = 6.3033663015152e+01
500. a . 0.4 i . 3 n = 13 root = 6.8234431256939e+01
500. a . 0.4 i . 3 n = 14 root = 7.3504769443001e+01
500. a . 0.4 i . 3 n = 15 root = 7.8727103423774e+01
500. a . 0.4 i . 3 n = 16 root = 8.3951266393260e+01
500. a . 0.4 i . 3 n = 17 root = 8.9176782020731e+01
500. a . 0.4 i . 3 n = 18 root = 9.4403433324934e+01
500. a . 0.4 i . 3 n = 19 root = 9.9531079569932e+01
500. a . 0.4 i . 3 n = 20 root = 1.046699463293e+02
500. a . 0.4 i . 3 n = 21 root = 1.100676660951e+02
500. a . 0.4 i . 3 n = 22 root = 1.153165277621e+02
500. a . 0.4 i . 3 n = 23 root = 1.2094689615043e+02
500. a . 0.4 i . 3 n = 24 root = 1.2577667352030e+02
500. a . 0.4 i . 3 n = 25 root = 1.3101069439215e+02
500. a . 0.4 i . 3 n = 26 root = 1.3524248173000e+02
500. a . 0.4 i . 3 n = 27 root = 1.4147439436270e+02
500. a . 0.4 i . 3 n = 28 root = 1.4570695735135e+02
500. a . 0.4 i . 3 n = 29 root = 1.5193906160977e+02
500. a . 0.4 i . 3 n = 30 root = 1.5717176020533e+02

c
c
500. a . 0.4 i . 4 n = 1 root = 8.3187466174226e+00
500. a . 0.4 i . 4 n = 2 root = 1.226501014225e+01
500. a . 0.4 i . 4 n = 3 root = 1.7209429461323e+01
500. a . 0.4 i . 4 n = 4 root = 2.2097511468003e+01
500. a . 0.4 i . 4 n = 5 root = 2.711264687610e+01
500. a . 0.4 i . 4 n = 6 root = 3.2197622121235e+01
500. a . 0.4 i . 4 n = 7 root = 3.723945683944e+01
500. a . 0.4 i . 4 n = 8 root = 4.2476917042574e+01
500. a . 0.4 i . 4 n = 9 root = 4.764794107579e+01
500. a . 0.4 i . 4 n = 10 root = 5.2831737478847e+01
500. a . 0.4 i . 4 n = 11 root = 5.800462791730e+01
500. a . 0.4 i . 4 n = 12 root = 6.3255110698013e+01
500. a . 0.4 i . 4 n = 13 root = 6.8430769512207e+01
500. a . 0.4 i . 4 n = 14 root = 7.3940730003337e+01
500. a . 0.4 i . 4 n = 15 root = 7.8894135311038e+01
500. a . 0.4 i . 4 n = 16 root = 8.4070347933308e+01
500. a . 0.4 i . 4 n = 17 root = 8.936973969752e+01
500. a . 0.4 i . 4 n = 18 root = 9.4593350131062e+01
500. a . 0.4 i . 4 n = 19 root = 9.973114562794e+01
500. a . 0.4 i . 4 n = 20 root = 1.049949837394e+02
500. a . 0.4 i . 4 n = 21 root = 1.101795147694e+02
500. a . 0.4 i . 4 n = 22 root = 1.1540625770381e+02
500. a . 0.4 i . 4 n = 23 root = 1.2053160343024e+02
500. a . 0.4 i . 4 n = 24 root = 1.2569163218744e+02
500. a . 0.4 i . 4 n = 25 root = 1.3107821137381e+02
500. a . 0.4 i . 4 n = 26 root = 1.3531368207694e+02
500. a . 0.4 i . 4 n = 27 root = 1.4149406688989e+02
500. a . 0.4 i . 4 n = 28 root = 1.4677472641805e+02
500. a . 0.4 i . 4 n = 29 root = 1.5200469333204e+02
500. a . 0.4 i . 4 n = 30 root = 1.5723337819325e+02

```


c
c

50 500. a . 0.4 i 7 n 1 root = 1.1667390130350e+01
50 500. a . 0.4 i 7 n 2 root = 1.5996503302450e+01
50 500. a . 0.4 i 7 n 3 root = 1.9961358710050e+01
50 500. a . 0.4 i 7 n 4 root = 2.406690357997e+01
50 500. a . 0.4 i 7 n 5 root = 2.8740817152353e+01
50 500. a . 0.4 i 7 n 6 root = 3.378333742315e+01
50 500. a . 0.4 i 7 n 7 root = 3.8518120006769e+01
50 500. a . 0.4 i 7 n 8 root = 4.329332717205e+01
50 500. a . 0.4 i 7 n 9 root = 4.7965577657325e+01
50 500. a . 0.4 i 7 n 10 root = 5.25795733818e+01
50 500. a . 0.4 i 7 n 11 root = 5.7197478274607e+01
50 500. a . 0.4 i 7 n 12 root = 6.1693429463333e+01
50 500. a . 0.4 i 7 n 13 root = 6.606522197332e+01
50 500. a . 0.4 i 7 n 14 root = 7.0250366103899e+01
50 500. a . 0.4 i 7 n 15 root = 7.4236939390081e+01
50 500. a . 0.4 i 7 n 16 root = 7.802465943031e+01
50 500. a . 0.4 i 7 n 17 root = 8.172209748213e+01
50 500. a . 0.4 i 7 n 18 root = 8.53394813423767e+01
50 500. a . 0.4 i 7 n 19 root = 8.887633663947e+02
50 500. a . 0.4 i 7 n 20 root = 1.0538316133207e+02
50 500. a . 0.4 i 7 n 21 root = 1.109679536078e+02
50 500. a . 0.4 i 7 n 22 root = 1.157947500745e+02
50 500. a . 0.4 i 7 n 23 root = 1.2100452795716e+02
50 500. a . 0.4 i 7 n 24 root = 1.2621843253793e+02
50 500. a . 0.4 i 7 n 25 root = 1.314302332110e+02
50 500. a . 0.4 i 7 n 26 root = 1.366477159495e+02
50 500. a . 0.4 i 7 n 27 root = 1.418627993363e+02
50 500. a . 0.4 i 7 n 28 root = 1.4708117498571e+02
50 500. a . 0.4 i 7 n 29 root = 1.523037032115e+02
50 500. a . 0.4 i 7 n 30 root = 1.5752143639212e+02

c
c

50 500. a . 0.4 i 8 n 1 root = 1.2794673232773e+01
50 500. a . 0.4 i 8 n 2 root = 1.672711507059e+01
50 500. a . 0.4 i 8 n 3 root = 2.055561102519e+01
50 500. a . 0.4 i 8 n 4 root = 2.430563882333e+01
50 500. a . 0.4 i 8 n 5 root = 2.8442772710330e+01
50 500. a . 0.4 i 8 n 6 root = 3.177203210113e+01
50 500. a . 0.4 i 8 n 7 root = 3.504583221377e+01
50 500. a . 0.4 i 8 n 8 root = 4.3960398112119e+01
50 500. a . 0.4 i 8 n 9 root = 4.800232329257e+01
50 500. a . 0.4 i 8 n 10 root = 5.405394405212e+01
50 500. a . 0.4 i 8 n 11 root = 5.9136994531091e+01
50 500. a . 0.4 i 8 n 12 root = 6.4268151211571e+01
50 500. a . 0.4 i 8 n 13 root = 6.9376677693406e+01
50 500. a . 0.4 i 8 n 14 root = 7.4502225185153e+01
50 500. a . 0.4 i 8 n 15 root = 7.965957618235e+01
50 500. a . 0.4 i 8 n 16 root = 8.484132036913e+01
50 500. a . 0.4 i 8 n 17 root = 9.015081132320e+01
50 500. a . 0.4 i 8 n 18 root = 9.519306268792e+01
50 500. a . 0.4 i 8 n 19 root = 1.0038102262258e+02
50 500. a . 0.4 i 8 n 20 root = 1.058731167276e+02
50 500. a . 0.4 i 8 n 21 root = 1.107693053371e+02
50 500. a . 0.4 i 8 n 22 root = 1.1585794953033e+02
50 500. a . 0.4 i 8 n 23 root = 1.211692289533e+02
50 500. a . 0.4 i 8 n 24 root = 1.263749209443e+02
50 500. a . 0.4 i 8 n 25 root = 1.3159251981303e+02
50 500. a . 0.4 i 8 n 26 root = 1.367253169325e+02
50 500. a . 0.4 i 8 n 27 root = 1.42003932678e+02
50 500. a . 0.4 i 8 n 28 root = 1.4721721994788e+02
50 500. a . 0.4 i 8 n 29 root = 1.5243213011956e+02
50 500. a . 0.4 i 8 n 30 root = 1.578494272837e+02

```

c
c
c
**= 500. a^ 0.4 i^ 9 n^ 1 root = 1.391735107893e+01
**= 500. a^ 0.4 i^ 9 n^ 2 root = 1.7881366762278e+01
**= 500. a^ 0.4 i^ 9 n^ 3 root = 2.1784469469900e+01
**= 500. a^ 0.4 i^ 9 n^ 4 root = 2.561962071153e+01
**= 500. a^ 0.4 i^ 9 n^ 5 root = 3.0218340686950e+01
**= 500. a^ 0.4 i^ 9 n^ 6 root = 3.4693821187299e+01
**= 500. a^ 0.4 i^ 9 n^ 7 root = 3.9926374972901e+01
**= 500. a^ 0.4 i^ 9 n^ 8 root = 4.495929111194e+01
**= 500. a^ 0.4 i^ 9 n^ 9 root = 4.9462404334947e+01
**= 500. a^ 0.4 i^ 9 n^ 10 root = 5.4471849338128e+01
**= 500. a^ 0.4 i^ 9 n^ 11 root = 5.922071308809e+01
**= 500. a^ 0.4 i^ 9 n^ 12 root = 6.4599653274933e+01
**= 500. a^ 0.4 i^ 9 n^ 13 root = 6.9702029979006e+01
**= 500. a^ 0.4 i^ 9 n^ 14 root = 7.4623288894974e+01
**= 500. a^ 0.4 i^ 9 n^ 15 root = 7.956694062913e+01
**= 500. a^ 0.4 i^ 9 n^ 16 root = 8.5107152446013e+01
**= 500. a^ 0.4 i^ 9 n^ 17 root = 9.0249310698263e+01
**= 500. a^ 0.4 i^ 9 n^ 18 root = 9.593236632115e+01
**= 500. a^ 0.4 i^ 9 n^ 19 root = 1.0050639723361e+02
**= 500. a^ 0.4 i^ 9 n^ 20 root = 1.0576953249195e+02
**= 500. a^ 0.4 i^ 9 n^ 21 root = 1.1097193950461e+02
**= 500. a^ 0.4 i^ 9 n^ 22 root = 1.1616189057430e+02
**= 500. a^ 0.4 i^ 9 n^ 23 root = 1.2135981050433e+02
**= 500. a^ 0.4 i^ 9 n^ 24 root = 1.2655200926930e+02
**= 500. a^ 0.4 i^ 9 n^ 25 root = 1.3175369117404e+02
**= 500. a^ 0.4 i^ 9 n^ 26 root = 1.3695683950004e+02
**= 500. a^ 0.4 i^ 9 n^ 27 root = 1.4216242121467e+02
**= 500. a^ 0.4 i^ 9 n^ 28 root = 1.4737018494394e+02
**= 500. a^ 0.4 i^ 9 n^ 29 root = 1.5257939491949e+02
**= 500. a^ 0.4 i^ 9 n^ 30 root = 1.5779126986121e+02

c
c
c
**= 500. a^ 0.4 i^ 10 n^ 1 root = 1.5034032529907e+01
**= 500. a^ 0.4 i^ 10 n^ 2 root = 1.9046134171846e+01
**= 500. a^ 0.4 i^ 10 n^ 3 root = 2.2638076944305e+01
**= 500. a^ 0.4 i^ 10 n^ 4 root = 2.6882659432518e+01
**= 500. a^ 0.4 i^ 10 n^ 5 root = 3.1083147107453e+01
**= 500. a^ 0.4 i^ 10 n^ 6 root = 3.5574290498871e+01
**= 500. a^ 0.4 i^ 10 n^ 7 root = 4.026262413693e+01
**= 500. a^ 0.4 i^ 10 n^ 8 root = 4.5074013693574e+01
**= 500. a^ 0.4 i^ 10 n^ 9 root = 4.9972451867865e+01
**= 500. a^ 0.4 i^ 10 n^ 10 root = 5.4934223074360e+01
**= 500. a^ 0.4 i^ 10 n^ 11 root = 5.9941340007659e+01
**= 500. a^ 0.4 i^ 10 n^ 12 root = 6.4988677299820e+01
**= 500. a^ 0.4 i^ 10 n^ 13 root = 7.0062297463982e+01
**= 500. a^ 0.4 i^ 10 n^ 14 root = 7.5159400461955e+01
**= 500. a^ 0.4 i^ 10 n^ 15 root = 8.0272999392114e+01
**= 500. a^ 0.4 i^ 10 n^ 16 root = 8.5401773251882e+01
**= 500. a^ 0.4 i^ 10 n^ 17 root = 9.0543620298191e+01
**= 500. a^ 0.4 i^ 10 n^ 18 root = 9.5699494429534e+01
**= 500. a^ 0.4 i^ 10 n^ 19 root = 1.0086940796130e+02
**= 500. a^ 0.4 i^ 10 n^ 20 root = 1.0605210186295e+02
**= 500. a^ 0.4 i^ 10 n^ 21 root = 1.1115761084939e+02
**= 500. a^ 0.4 i^ 10 n^ 22 root = 1.1637744899816e+02
**= 500. a^ 0.4 i^ 10 n^ 23 root = 1.2169211867930e+02
**= 500. a^ 0.4 i^ 10 n^ 24 root = 1.2679101846877e+02
**= 500. a^ 0.4 i^ 10 n^ 25 root = 1.3194384746965e+02
**= 500. a^ 0.4 i^ 10 n^ 26 root = 1.371393942091e+02
**= 500. a^ 0.4 i^ 10 n^ 27 root = 1.4233869440381e+02
**= 500. a^ 0.4 i^ 10 n^ 28 root = 1.4763687434133e+02
**= 500. a^ 0.4 i^ 10 n^ 29 root = 1.5274394871440e+02
**= 500. a^ 0.4 i^ 10 n^ 30 root = 1.5794994417400e+02

```

```

c
c
500 .a . 0.4 1 11 n 1 root = 1.614496029433e+01
500 .a . 0.4 1 11 n 2 root = 2.021316397471e+01
500 .a . 0.4 1 11 n 3 root = 2.3935770759401e+01
500 .a . 0.4 1 11 n 4 root = 2.78446945630821e+01
500 .a . 0.4 1 11 n 5 root = 3.1972685132005e+01
500 .a . 0.4 1 11 n 6 root = 3.6336025701353e+01
500 .a . 0.4 1 11 n 7 root = 4.0939885703994e+01
500 .a . 0.4 1 11 n 8 root = 4.5653467463353e+01
500 .a . 0.4 1 11 n 9 root = 5.0529424233149e+01
500 .a . 0.4 1 11 n 10 root = 5.5436821830074e+01
500 .a . 0.4 1 11 n 11 root = 6.0459307232396e+01
500 .a . 0.4 1 11 n 12 root = 6.5414779731065e+01
500 .a . 0.4 1 11 n 13 root = 7.0457141576946e+01
500 .a . 0.4 1 11 n 14 root = 7.5526174239646e+01
500 .a . 0.4 1 11 n 15 root = 8.0618774021113e+01
500 .a . 0.4 1 11 n 16 root = 8.5725049722409e+01
500 .a . 0.4 1 11 n 17 root = 9.0847986167698e+01
500 .a . 0.4 1 11 n 18 root = 9.5983212407125e+01
500 .a . 0.4 1 11 n 19 root = 1.0112683950723e+02
500 .a . 0.4 1 11 n 20 root = 1.0638334467323e+02
500 .a . 0.4 1 11 n 21 root = 1.1169549703710e+02
500 .a . 0.4 1 11 n 22 root = 1.16951424932759e+02
500 .a . 0.4 1 11 n 23 root = 1.22170877343038e+02
500 .a . 0.4 1 11 n 24 root = 1.2735063606875e+02
500 .a . 0.4 1 11 n 25 root = 1.3249162866552e+02
500 .a . 0.4 1 11 n 26 root = 1.37594041276935e+02
500 .a . 0.4 1 11 n 27 root = 1.42531936392574e+02
500 .a . 0.4 1 11 n 28 root = 1.473283777924e+02
500 .a . 0.4 1 11 n 29 root = 1.5202410509393e+02
500 .a . 0.4 1 11 n 30 root = 1.5612414657010e+02

c
c
500 .a . 0.4 1 12 n 1 root = 1.7250526887081e+01
500 .a . 0.4 1 12 n 2 root = 2.1378039404505e+01
500 .a . 0.4 1 12 n 3 root = 2.5194746846894e+01
500 .a . 0.4 1 12 n 4 root = 2.8930963721895e+01
500 .a . 0.4 1 12 n 5 root = 3.2918516312004e+01
500 .a . 0.4 1 12 n 6 root = 3.7216328465195e+01
500 .a . 0.4 1 12 n 7 root = 4.179327511703e+01
500 .a . 0.4 1 12 n 8 root = 4.633294970702e+01
500 .a . 0.4 1 12 n 9 root = 5.112572395899e+01
500 .a . 0.4 1 12 n 10 root = 5.5987695943799e+01
500 .a . 0.4 1 12 n 11 root = 6.097829336995e+01
500 .a . 0.4 1 12 n 12 root = 6.5977491636142e+01
500 .a . 0.4 1 12 n 13 root = 7.0866175804395e+01
500 .a . 0.4 1 12 n 14 root = 7.562599681150e+01
500 .a . 0.4 1 12 n 15 root = 8.0581630491638e+01
500 .a . 0.4 1 12 n 16 root = 8.6076764832139e+01
500 .a . 0.4 1 12 n 17 root = 9.1193676327910e+01
500 .a . 0.4 1 12 n 18 root = 9.6575039763353e+01
500 .a . 0.4 1 12 n 19 root = 1.014289483037e+02
500 .a . 0.4 1 12 n 20 root = 1.069951795313e+02
500 .a . 0.4 1 12 n 21 root = 1.1171946351702e+02
500 .a . 0.4 1 12 n 22 root = 1.1657218363295e+02
500 .a . 0.4 1 12 n 23 root = 1.2153702323999e+02
500 .a . 0.4 1 12 n 24 root = 1.270018680730e+02
500 .a . 0.4 1 12 n 25 root = 1.32758830389e+02
500 .a . 0.4 1 12 n 26 root = 1.375838997411e+02
500 .a . 0.4 1 12 n 27 root = 1.4274276918571e+02
500 .a . 0.4 1 12 n 28 root = 1.4733302118408e+02
500 .a . 0.4 1 12 n 29 root = 1.531209322295e+02
500 .a . 0.4 1 12 n 30 root = 1.583141494830e+02

```

c
c
c

```
500 . . . 0.4 1 13 n 1 root = 1.8051286959514e+01
500 . . . 0.4 1 13 n 2 root = 2.2536950307712e+01
500 . . . 0.4 1 13 n 3 root = 2.633094993794e+01
500 . . . 0.4 1 13 n 4 root = 3.0057415098779e+01
500 . . . 0.4 1 13 n 5 root = 3.369301976894e+01
500 . . . 0.4 1 13 n 6 root = 3.612220168812e+01
500 . . . 0.4 1 13 n 7 root = 4.251281335103e+01
500 . . . 0.4 1 13 n 8 root = 4.708120337120e+01
500 . . . 0.4 1 13 n 9 root = 5.1780712531125e+01
500 . . . 0.4 1 13 n 10 root = 5.657769365130e+01
500 . . . 0.4 1 13 n 11 root = 6.1448498577117e+01
500 . . . 0.4 1 13 n 12 root = 6.6376324182700e+01
500 . . . 0.4 1 13 n 13 root = 7.134900720531e+01
500 . . . 0.4 1 13 n 14 root = 7.6357536351881e+01
500 . . . 0.4 1 13 n 15 root = 8.1395160769511e+01
500 . . . 0.4 1 13 n 16 root = 8.6463658114600e+01
500 . . . 0.4 1 13 n 17 root = 9.153808114801e+01
500 . . . 0.4 1 13 n 18 root = 9.6636168163817e+01
500 . . . 0.4 1 13 n 19 root = 1.0174630168124e+02
500 . . . 0.4 1 13 n 20 root = 1.06872700826e+02
500 . . . 0.4 1 13 n 21 root = 1.1200743183959e+02
500 . . . 0.4 1 13 n 22 root = 1.1715118244900e+02
500 . . . 0.4 1 13 n 23 root = 1.2230281978959e+02
500 . . . 0.4 1 13 n 24 root = 1.2746136817467e+02
500 . . . 0.4 1 13 n 25 root = 1.3262821265101e+02
500 . . . 0.4 1 13 n 26 root = 1.3779369603920e+02
500 . . . 0.4 1 13 n 27 root = 1.4295769387467e+02
500 . . . 0.4 1 13 n 28 root = 1.4813016930740e+02
500 . . . 0.4 1 13 n 29 root = 1.533323731959e+02
500 . . . 0.4 1 13 n 30 root = 1.5851979302175e+02
```

c
c
c

```
500 . . . 0.4 1 14 n 1 root = 1.9447711727515e+01
500 . . . 0.4 1 14 n 2 root = 2.363932777308e+01
500 . . . 0.4 1 14 n 3 root = 2.751925733232e+01
500 . . . 0.4 1 14 n 4 root = 3.126676008708e+01
500 . . . 0.4 1 14 n 5 root = 3.503622448253e+01
500 . . . 0.4 1 14 n 6 root = 3.88882782162e+01
500 . . . 0.4 1 14 n 7 root = 4.336930211019e+01
500 . . . 0.4 1 14 n 8 root = 4.794981762220e+01
500 . . . 0.4 1 14 n 9 root = 5.247232773325e+01
500 . . . 0.4 1 14 n 10 root = 5.7206430401655e+01
500 . . . 0.4 1 14 n 11 root = 6.2027294505750e+01
500 . . . 0.4 1 14 n 12 root = 6.691077116882e+01
500 . . . 0.4 1 14 n 13 root = 7.1845201175157e+01
500 . . . 0.4 1 14 n 14 root = 7.6820450742290e+01
500 . . . 0.4 1 14 n 15 root = 8.1836867639519e+01
500 . . . 0.4 1 14 n 16 root = 8.688967626891e+01
500 . . . 0.4 1 14 n 17 root = 9.1982995782163e+01
500 . . . 0.4 1 14 n 18 root = 9.7000507411845e+01
500 . . . 0.4 1 14 n 19 root = 1.0209421825110e+02
500 . . . 0.4 1 14 n 20 root = 1.0720177840573e+02
500 . . . 0.4 1 14 n 21 root = 1.1232127829300e+02
500 . . . 0.4 1 14 n 22 root = 1.1745113403205e+02
500 . . . 0.4 1 14 n 23 root = 1.225900306042e+02
500 . . . 0.4 1 14 n 24 root = 1.277387879438e+02
500 . . . 0.4 1 14 n 25 root = 1.328987330102e+02
500 . . . 0.4 1 14 n 26 root = 1.380693068036e+02
500 . . . 0.4 1 14 n 27 root = 1.43251042108200e+02
500 . . . 0.4 1 14 n 28 root = 1.4835668801310e+02
500 . . . 0.4 1 14 n 29 root = 1.5338232108340e+02
500 . . . 0.4 1 14 n 30 root = 1.5874108428660e+02
```

```

c
c
se = 500. a = 0.4 i = 15 n = 1 root = 2.0540232754629e+01
se = 500. a = 0.4 i = 15 n = 2 root = 2.484409446295e+01
se = 500. a = 0.4 i = 15 n = 3 root = 2.870413084304e+01
se = 500. a = 0.4 i = 15 n = 4 root = 3.240513468875e+01
se = 500. a = 0.4 i = 15 n = 5 root = 3.614747463830e+01
se = 500. a = 0.4 i = 15 n = 6 root = 4.0088753119425e+01
se = 500. a = 0.4 i = 15 n = 7 root = 4.426682231194e+01
se = 500. a = 0.4 i = 15 n = 8 root = 4.863667236849e+01
se = 500. a = 0.4 i = 15 n = 9 root = 5.320825679026e+01
se = 500. a = 0.4 i = 15 n = 10 root = 5.797333369198e+01
se = 500. a = 0.4 i = 15 n = 11 root = 6.293927444571e+01
se = 500. a = 0.4 i = 15 n = 12 root = 6.740311746095e+01
se = 500. a = 0.4 i = 15 n = 13 root = 7.2374346810133e+01
se = 500. a = 0.4 i = 15 n = 14 root = 7.731430293825e+01
se = 500. a = 0.4 i = 15 n = 15 root = 8.229169130694e+01
se = 500. a = 0.4 i = 15 n = 16 root = 8.730017498499e+01
se = 500. a = 0.4 i = 15 n = 17 root = 9.233415888767e+01
se = 500. a = 0.4 i = 15 n = 18 root = 9.738884613484e+01
se = 500. a = 0.4 i = 15 n = 19 root = 1.024638836144e+02
se = 500. a = 0.4 i = 15 n = 20 root = 1.075638879128e+02
se = 500. a = 0.4 i = 15 n = 21 root = 1.126887794793e+02
se = 500. a = 0.4 i = 15 n = 22 root = 1.177719252678e+02
se = 500. a = 0.4 i = 15 n = 23 root = 1.228972560976e+02
se = 500. a = 0.4 i = 15 n = 24 root = 1.280316165294e+02
se = 500. a = 0.4 i = 15 n = 25 root = 1.331739226714e+02
se = 500. a = 0.4 i = 15 n = 26 root = 1.383233638671e+02
se = 500. a = 0.4 i = 15 n = 27 root = 1.434780829952e+02
se = 500. a = 0.4 i = 15 n = 28 root = 1.4864044768911e+02
se = 500. a = 0.4 i = 15 n = 29 root = 1.538088823533e+02
se = 500. a = 0.4 i = 15 n = 30 root = 1.589789759825e+02
c
c
se = 500. a = 0.5 i = 1 n = 1 root = 5.5894019388222e+00
se = 500. a = 0.5 i = 1 n = 2 root = 1.2717498603532e+01
se = 500. a = 0.5 i = 1 n = 3 root = 1.895045769682e+01
se = 500. a = 0.5 i = 1 n = 4 root = 2.520701680148e+01
se = 500. a = 0.5 i = 1 n = 5 root = 3.1475335189606e+01
se = 500. a = 0.5 i = 1 n = 6 root = 3.7744019399751e+01
se = 500. a = 0.5 i = 1 n = 7 root = 4.402360665578e+01
se = 500. a = 0.5 i = 1 n = 8 root = 5.030121821194e+01
se = 500. a = 0.5 i = 1 n = 9 root = 5.657399520169e+01
se = 500. a = 0.5 i = 1 n = 10 root = 6.285999534833e+01
se = 500. a = 0.5 i = 1 n = 11 root = 6.913329451301e+01
se = 500. a = 0.5 i = 1 n = 12 root = 7.5402773353693e+01
se = 500. a = 0.5 i = 1 n = 13 root = 8.1701884081153e+01
se = 500. a = 0.5 i = 1 n = 14 root = 8.783521109482e+01
se = 500. a = 0.5 i = 1 n = 15 root = 9.429498267415e+01
se = 500. a = 0.5 i = 1 n = 16 root = 1.009468313677e+02
se = 500. a = 0.5 i = 1 n = 17 root = 1.068888833230e+02
se = 500. a = 0.5 i = 1 n = 18 root = 1.1311101530463e+02
se = 500. a = 0.5 i = 1 n = 19 root = 1.193332708626e+02
se = 500. a = 0.5 i = 1 n = 20 root = 1.256736187988e+02
se = 500. a = 0.5 i = 1 n = 21 root = 1.31984687844e+02
se = 500. a = 0.5 i = 1 n = 22 root = 1.382409433690e+02
se = 500. a = 0.5 i = 1 n = 23 root = 1.444230868081e+02
se = 500. a = 0.5 i = 1 n = 24 root = 1.5058576891797e+02
se = 500. a = 0.5 i = 1 n = 25 root = 1.5708832381716e+02
se = 500. a = 0.5 i = 1 n = 26 root = 1.6337106080193e+02
se = 500. a = 0.5 i = 1 n = 27 root = 1.6958578161325e+02
se = 500. a = 0.5 i = 1 n = 28 root = 1.758366800054e+02
se = 500. a = 0.5 i = 1 n = 29 root = 1.821194940882e+02
se = 500. a = 0.5 i = 1 n = 30 root = 1.8850216884179e+02

```

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

c

```
500 .a .a .5 .i 2 n n 1 root = 7.1067883143415e+00
500 .a .a .5 .i 2 n n 2 root = 1.3028344084316e+01
500 .a .a .5 .i 2 n n 3 root = 1.9128733205271e+01
500 .a .a .5 .i 2 n n 4 root = 2.5365327740050e+01
500 .a .a .5 .i 2 n n 5 root = 3.1801826518462e+01
500 .a .a .5 .i 2 n n 6 root = 3.8258462722621e+01
500 .a .a .5 .i 2 n n 7 root = 4.4114330053018e+01
500 .a .a .5 .i 2 n n 8 root = 5.0307933822108e+01
500 .a .a .5 .i 2 n n 9 root = 5.6697254747729e+01
500 .a .a .5 .i 2 n n 10 root = 6.2823213110050e+01
500 .a .a .5 .i 2 n n 11 root = 6.9197756212320e+01
500 .a .a .5 .i 2 n n 12 root = 7.5473729811833e+01
500 .a .a .5 .i 2 n n 13 root = 8.1753006579321e+01
500 .a .a .5 .i 2 n n 14 root = 8.8028796979570e+01
500 .a .a .5 .i 2 n n 15 root = 9.4307406891504e+01
500 .a .a .5 .i 2 n n 16 root = 1.0058661971259e+02
500 .a .a .5 .i 2 n n 17 root = 1.068822922816e+02
500 .a .a .5 .i 2 n n 18 root = 1.1314636792361e+02
500 .a .a .5 .i 2 n n 19 root = 1.1926784188159e+02
500 .a .a .5 .i 2 n n 20 root = 1.2570743504608e+02
500 .a .a .5 .i 2 n n 21 root = 1.3198892795971e+02
500 .a .a .5 .i 2 n n 22 root = 1.386994729387e+02
500 .a .a .5 .i 2 n n 23 root = 1.4485077238835e+02
500 .a .a .5 .i 2 n n 24 root = 1.5083222878010e+02
500 .a .a .5 .i 2 n n 25 root = 1.5711382349389e+02
500 .a .a .5 .i 2 n n 26 root = 1.6332254495947e+02
500 .a .a .5 .i 2 n n 27 root = 1.6957730519187e+02
500 .a .a .5 .i 2 n n 28 root = 1.7598989951299e+02
500 .a .a .5 .i 2 n n 29 root = 1.822412973578e+02
500 .a .a .5 .i 2 n n 30 root = 1.8852336855999e+02

500 .a .a .5 .i 3 n n 1 root = 7.842977291395e+00
500 .a .a .5 .i 3 n n 2 root = 1.346789298222e+01
500 .a .a .5 .i 3 n n 3 root = 1.9467443128456e+01
500 .a .a .5 .i 3 n n 4 root = 2.5600024262233e+01
500 .a .a .5 .i 3 n n 5 root = 3.1790758425614e+01
500 .a .a .5 .i 3 n n 6 root = 3.8011620384258e+01
500 .a .a .5 .i 3 n n 7 root = 4.4250010083002e+01
500 .a .a .5 .i 3 n n 8 root = 5.0498488793785e+01
500 .a .a .5 .i 3 n n 9 root = 5.6765382612715e+01
500 .a .a .5 .i 3 n n 10 root = 6.3018484244987e+01
500 .a .a .5 .i 3 n n 11 root = 6.9284383120300e+01
500 .a .a .5 .i 3 n n 12 root = 7.5553169839466e+01
500 .a .a .5 .i 3 n n 13 root = 8.184183235334e+01
500 .a .a .5 .i 3 n n 14 root = 8.806881958271e+01
500 .a .a .5 .i 3 n n 15 root = 9.4370297918414e+01
500 .a .a .5 .i 3 n n 16 root = 1.0084624426251e+02
500 .a .a .5 .i 3 n n 17 root = 1.0682242380173e+02
500 .a .a .5 .i 3 n n 18 root = 1.1319379382956e+02
500 .a .a .5 .i 3 n n 19 root = 1.1947883892820e+02
500 .a .a .5 .i 3 n n 20 root = 1.2579515882387e+02
500 .a .a .5 .i 3 n n 21 root = 1.3203300589308e+02
500 .a .a .5 .i 3 n n 22 root = 1.3831288746158e+02
500 .a .a .5 .i 3 n n 23 root = 1.4465276521738e+02
500 .a .a .5 .i 3 n n 24 root = 1.5097200143108e+02
500 .a .a .5 .i 3 n n 25 root = 1.5718200857819e+02
500 .a .a .5 .i 3 n n 26 root = 1.6343229511834e+02
500 .a .a .5 .i 3 n n 27 root = 1.6971272293822e+02
500 .a .a .5 .i 3 n n 28 root = 1.7598938378832e+02
500 .a .a .5 .i 3 n n 29 root = 1.8227421680576e+02
500 .a .a .5 .i 3 n n 30 root = 1.8855821001878e+02
```

```

c
c
se = 500. a# 0.5 |# 4 n# 1 root = 8.715388038247e+00
se = 500. a# 0.5 |# 4 n# 2 root = 1.4048338394955e+01
se = 500. a# 0.5 |# 4 n# 3 root = 1.9872449761114e+01
se = 500. a# 0.5 |# 4 n# 4 root = 2.5910108209444e+01
se = 500. a# 0.5 |# 4 n# 5 root = 3.2241191870194e+01
se = 500. a# 0.5 |# 4 n# 6 root = 3.8821383241907e+01
se = 500. a# 0.5 |# 4 n# 7 root = 4.4430373699172e+01
se = 500. a# 0.5 |# 4 n# 8 root = 5.0257504055225e+01
se = 500. a# 0.5 |# 4 n# 9 root = 5.6297113094905e+01
se = 500. a# 0.5 |# 4 n# 10 root = 6.3148270417340e+01
se = 500. a# 0.5 |# 4 n# 11 root = 6.9893744027277e+01
se = 500. a# 0.5 |# 4 n# 12 root = 7.5559722594400e+01
se = 500. a# 0.5 |# 4 n# 13 root = 8.1181894607575e+01
se = 500. a# 0.5 |# 4 n# 14 root = 8.6187941919885e+01
se = 500. a# 0.5 |# 4 n# 15 root = 9.1495733663793e+01
se = 500. a# 0.5 |# 4 n# 16 root = 1.0072569944933e+02
se = 500. a# 0.5 |# 4 n# 17 root = 1.0698721819494e+02
se = 500. a# 0.5 |# 4 n# 18 root = 1.1377082633893e+02
se = 500. a# 0.5 |# 4 n# 19 root = 1.1994393010501e+02
se = 500. a# 0.5 |# 4 n# 20 root = 1.2561875703111e+02
se = 500. a# 0.5 |# 4 n# 21 root = 1.3094378385253e+02
se = 500. a# 0.5 |# 4 n# 22 root = 1.3637068603198e+02
se = 500. a# 0.5 |# 4 n# 23 root = 1.4494759074690e+02
se = 500. a# 0.5 |# 4 n# 24 root = 1.50825016031653e+02
se = 500. a# 0.5 |# 4 n# 25 root = 1.5722929201524e+02
se = 500. a# 0.5 |# 4 n# 26 root = 1.6348119957770e+02
se = 500. a# 0.5 |# 4 n# 27 root = 1.697988571310e+02
se = 500. a# 0.5 |# 4 n# 28 root = 1.760888493785e+02
se = 700. a# 0.5 |# 4 n# 29 root = 1.8231812404947e+02
se = 500. a# 0.5 |# 4 n# 30 root = 1.8859765393160e+02
c
c
se = 500. a# 0.5 |# 5 n# 1 root = 9.6810507130575e+00
se = 500. a# 0.5 |# 5 n# 2 root = 1.4726963696539e+01
se = 500. a# 0.5 |# 5 n# 3 root = 2.0388884204309e+01
se = 500. a# 0.5 |# 5 n# 4 root = 2.625327869291e+01
se = 500. a# 0.5 |# 5 n# 5 root = 3.2261916763315e+01
se = 500. a# 0.5 |# 5 n# 6 root = 3.8482251452190e+01
se = 500. a# 0.5 |# 5 n# 7 root = 4.4859362816933e+01
se = 500. a# 0.5 |# 5 n# 8 root = 5.0594623261158e+01
se = 500. a# 0.5 |# 5 n# 9 root = 5.702261161881e+01
se = 500. a# 0.5 |# 5 n# 10 root = 6.3303479073905e+01
se = 500. a# 0.5 |# 5 n# 11 root = 6.9843761082653e+01
se = 400. a# 0.5 |# 5 n# 12 root = 7.5791059469379e+01
se = 500. a# 0.5 |# 5 n# 13 root = 8.204384071927e+01
se = 500. a# 0.5 |# 5 n# 14 root = 8.830982773046e+01
se = 500. a# 0.5 |# 5 n# 15 root = 9.49816767251077e+01
se = 500. a# 0.5 |# 5 n# 16 root = 1.0082494403929e+02
se = 500. a# 0.5 |# 5 n# 17 root = 1.070906986776e+02
se = 500. a# 0.5 |# 5 n# 18 root = 1.138265032633e+02
se = 500. a# 0.5 |# 5 n# 19 root = 1.198272614427e+02
se = 500. a# 0.5 |# 5 n# 20 root = 1.2599821958275e+02
se = 500. a# 0.5 |# 5 n# 21 root = 1.321700547725e+02
se = 500. a# 0.5 |# 5 n# 22 root = 1.384294340728e+02
se = 500. a# 0.5 |# 5 n# 23 root = 1.4471671372037e+02
se = 500. a# 0.5 |# 5 n# 24 root = 1.50825016031653e+02
se = 500. a# 0.5 |# 5 n# 25 root = 1.5722929201524e+02
se = 500. a# 0.5 |# 5 n# 26 root = 1.6348119957770e+02
se = 500. a# 0.5 |# 5 n# 27 root = 1.697988571310e+02
se = 500. a# 0.5 |# 5 n# 28 root = 1.760888493785e+02
se = 500. a# 0.5 |# 5 n# 29 root = 1.8231812404947e+02
se = 500. a# 0.5 |# 5 n# 30 root = 1.8859765393160e+02

```

```

c
c
c
500 .a .a .5 .i .a .6 .n .1 root = 1.0707091218893e+01
500 .a .a .5 .i .a .6 .n .2 root = 1.3511266942356e+01
500 .a .a .5 .i .a .6 .n .3 root = 2.0560429879522e+01
500 .a .a .5 .i .a .6 .n .4 root = 2.6746693063291e+01
500 .a .a .5 .i .a .6 .n .5 root = 3.2761467024694e+01
500 .a .a .5 .i .a .6 .n .6 root = 3.8753330951069e+01
500 .a .a .5 .i .a .6 .n .7 root = 4.4623232840619e+01
500 .a .a .5 .i .a .6 .n .8 root = 5.0303079389293e+01
500 .a .a .5 .i .a .6 .n .9 root = 5.5827025207076e+01
500 .a .a .5 .i .a .6 .n .10 root = 6.1436894277499e+01
500 .a .a .5 .i .a .6 .n .11 root = 6.6716186309986e+01
500 .a .a .5 .i .a .6 .n .12 root = 7.2943304217789e+01
500 .a .a .5 .i .a .6 .n .13 root = 8.2190053093200e+01
500 .a .a .5 .i .a .6 .n .14 root = 8.8436831739374e+01
500 .a .a .5 .i .a .6 .n .15 root = 9.4689418943389e+01
500 .a .a .5 .i .a .6 .n .16 root = 1.0094330079931e+02
500 .a .a .5 .i .a .6 .n .17 root = 1.0720267818992e+02
500 .a .a .5 .i .a .6 .n .18 root = 1.1349412789175e+02
500 .a .a .5 .i .a .6 .n .19 root = 1.1972769495924e+02
500 .a .a .5 .i .a .6 .n .20 root = 1.2593351948775e+02
500 .a .a .5 .i .a .6 .n .21 root = 1.3205084673959e+02
500 .a .a .5 .i .a .6 .n .22 root = 1.3823631076757e+02
500 .a .a .5 .i .a .6 .n .23 root = 1.4479362498936e+02
500 .a .a .5 .i .a .6 .n .24 root = 1.5107073366975e+02
500 .a .a .5 .i .a .6 .n .25 root = 1.5774208610354e+02
500 .a .a .5 .i .a .6 .n .26 root = 1.63815731144334e+02
500 .a .a .5 .i .a .6 .n .27 root = 1.6988941461894e+02
500 .a .a .5 .i .a .6 .n .28 root = 1.7615778910511e+02
500 .a .a .5 .i .a .6 .n .29 root = 1.82438743632164e+02
500 .a .a .5 .i .a .6 .n .30 root = 1.8871429669906e+02

c
c
c
500 .a .a .5 .i .a .7 .n .1 root = 1.1770450730534e+01
500 .a .a .5 .i .a .7 .n .2 root = 1.6379021149673e+01
500 .a .a .5 .i .a .7 .n .3 root = 2.1611570369096e+01
500 .a .a .5 .i .a .7 .n .4 root = 2.7267909423401e+01
500 .a .a .5 .i .a .7 .n .5 root = 3.3146257037154e+01
500 .a .a .5 .i .a .7 .n .6 root = 3.9153633615227e+01
500 .a .a .5 .i .a .7 .n .7 root = 4.52945261404674e+01
500 .a .a .5 .i .a .7 .n .8 root = 5.1394157630956e+01
500 .a .a .5 .i .a .7 .n .9 root = 5.7526952323696e+01
500 .a .a .5 .i .a .7 .n .10 root = 6.3713284267635e+01
500 .a .a .5 .i .a .7 .n .11 root = 6.9916926833699e+01
500 .a .a .5 .i .a .7 .n .12 root = 7.6133678531115e+01
500 .a .a .5 .i .a .7 .n .13 root = 8.2360309480431e+01
500 .a .a .5 .i .a .7 .n .14 root = 8.8595102940699e+01
500 .a .a .5 .i .a .7 .n .15 root = 9.4838246340709e+01
500 .a .a .5 .i .a .7 .n .16 root = 1.0108256944441e+02
500 .a .a .5 .i .a .7 .n .17 root = 1.0733329465072e+02
500 .a .a .5 .i .a .7 .n .18 root = 1.130750062175e+02
500 .a .a .5 .i .a .7 .n .19 root = 1.1924477499000e+02
500 .a .a .5 .i .a .7 .n .20 root = 1.261046280091e+02
500 .a .a .5 .i .a .7 .n .21 root = 1.3286988285371e+02
500 .a .a .5 .i .a .7 .n .22 root = 1.3953082593924e+02
500 .a .a .5 .i .a .7 .n .23 root = 1.4469630476266e+02
500 .a .a .5 .i .a .7 .n .24 root = 1.5116340082631e+02
500 .a .a .5 .i .a .7 .n .25 root = 1.5743117276177e+02
500 .a .a .5 .i .a .7 .n .26 root = 1.6370129414663e+02
500 .a .a .5 .i .a .7 .n .27 root = 1.6997181832933e+02
500 .a .a .5 .i .a .7 .n .28 root = 1.7624354420039e+02
500 .a .a .5 .i .a .7 .n .29 root = 1.8251547889404e+02
500 .a .a .5 .i .a .7 .n .30 root = 1.8878694317305e+02

```


c
c

```
se = 500. a = 0.5 i = 8 n = 1 root = 1.2899504946300e+01
se = 500. a = 0.5 i = 8 n = 2 root = 1.731602673388e+01
se = 500. a = 0.5 i = 8 n = 3 root = 2.294523542518e+01
se = 500. a = 0.5 i = 8 n = 4 root = 2.7832211790810e+01
se = 500. a = 0.5 i = 8 n = 5 root = 3.363041363428e+01
se = 500. a = 0.5 i = 8 n = 6 root = 3.992204957328e+01
se = 500. a = 0.5 i = 8 n = 7 root = 4.5988119395043e+01
se = 500. a = 0.5 i = 8 n = 8 root = 5.179988274388e+01
se = 500. a = 0.5 i = 8 n = 9 root = 5.789674033707e+01
se = 500. a = 0.5 i = 8 n = 10 root = 6.399383202262e+01
se = 500. a = 0.5 i = 8 n = 11 root = 7.014572384194e+01
se = 500. a = 0.5 i = 8 n = 12 root = 7.634326383366e+01
se = 500. a = 0.5 i = 8 n = 13 root = 8.2599618122218e+01
se = 500. a = 0.5 i = 8 n = 14 root = 8.877999462967e+01
se = 500. a = 0.5 i = 8 n = 15 root = 9.500350326638e+01
se = 500. a = 0.5 i = 8 n = 16 root = 1.0124088489149e+02
se = 500. a = 0.5 i = 8 n = 17 root = 1.074823293877e+02
se = 500. a = 0.5 i = 8 n = 18 root = 1.137636169772e+02
se = 500. a = 0.5 i = 8 n = 19 root = 1.1987693194175e+02
se = 500. a = 0.5 i = 8 n = 20 root = 1.2623150678209e+02
se = 500. a = 0.5 i = 8 n = 21 root = 1.324776800497e+02
se = 500. a = 0.5 i = 8 n = 22 root = 1.387463817032e+02
se = 500. a = 0.5 i = 8 n = 23 root = 1.4500673017578e+02
se = 500. a = 0.5 i = 8 n = 24 root = 1.5128924821575e+02
se = 500. a = 0.5 i = 8 n = 25 root = 1.575324127589e+02
se = 500. a = 0.5 i = 8 n = 26 root = 1.6379903482477e+02
se = 500. a = 0.5 i = 8 n = 27 root = 1.7006959325141e+02
se = 500. a = 0.5 i = 8 n = 28 root = 1.7633404978267e+02
se = 500. a = 0.5 i = 8 n = 29 root = 1.8263314507906e+02
se = 500. a = 0.5 i = 8 n = 30 root = 1.8887319570629e+02
```

c
c

```
se = 500. a = 0.5 i = 9 n = 1 root = 1.3951942543346e+01
se = 500. a = 0.5 i = 9 n = 2 root = 1.8305327630341e+01
se = 500. a = 0.5 i = 9 n = 3 root = 2.3146852688773e+01
se = 500. a = 0.5 i = 9 n = 4 root = 2.8499463630781e+01
se = 500. a = 0.5 i = 9 n = 5 root = 3.4188037942089e+01
se = 500. a = 0.5 i = 9 n = 6 root = 4.0011356259001e+01
se = 500. a = 0.5 i = 9 n = 7 root = 4.5983198017337e+01
se = 500. a = 0.5 i = 9 n = 8 root = 5.2024058326271e+01
se = 500. a = 0.5 i = 9 n = 9 root = 5.8116688911153e+01
se = 500. a = 0.5 i = 9 n = 10 root = 6.4245893313786e+01
se = 500. a = 0.5 i = 9 n = 11 root = 7.040241907894e+01
se = 500. a = 0.5 i = 9 n = 12 root = 7.65793823735e+01
se = 500. a = 0.5 i = 9 n = 13 root = 8.2772708793820e+01
se = 500. a = 0.5 i = 9 n = 14 root = 8.897849769873e+01
se = 500. a = 0.5 i = 9 n = 15 root = 9.519448578165e+01
se = 500. a = 0.5 i = 9 n = 16 root = 1.0141871009460e+02
se = 500. a = 0.5 i = 9 n = 17 root = 1.0764981936306e+02
se = 500. a = 0.5 i = 9 n = 18 root = 1.13866994040e+02
se = 500. a = 0.5 i = 9 n = 19 root = 1.201333593125e+02
se = 500. a = 0.5 i = 9 n = 20 root = 1.2637411991478e+02
se = 500. a = 0.5 i = 9 n = 21 root = 1.326294675305e+02
se = 500. a = 0.5 i = 9 n = 22 root = 1.387763232115e+02
se = 500. a = 0.5 i = 9 n = 23 root = 1.449130759532e+02
se = 500. a = 0.5 i = 9 n = 24 root = 1.511382938804e+02
se = 500. a = 0.5 i = 9 n = 25 root = 1.57478443915e+02
se = 500. a = 0.5 i = 9 n = 26 root = 1.639099304232e+02
se = 500. a = 0.5 i = 9 n = 27 root = 1.7017180317782e+02
se = 500. a = 0.5 i = 9 n = 28 root = 1.7638118578274e+02
se = 500. a = 0.5 i = 9 n = 29 root = 1.827015877653e+02
se = 500. a = 0.5 i = 9 n = 30 root = 1.889880044727e+02
```

```

c
c
c
500 .a . 0.5 1 . 10 . 1 .root = 1.50532959088874+01
500 .a . 0.5 1 . 10 . 2 .root = 1.59467819381304+01
500 .a . 0.5 1 . 10 . 3 .root = 2.40083038752474+01
500 .a . 0.5 1 . 10 . 4 .root = 2.92033100710434+01
500 .a . 0.5 1 . 10 . 5 .root = 3.47531000894089+01
500 .a . 0.5 1 . 10 . 6 .root = 4.05182782611154+01
500 .a . 0.5 1 . 10 . 7 .root = 4.64189095191304+01
500 .a . 0.5 1 . 10 . 8 .root = 5.24690085831684+01
500 .a . 0.5 1 . 10 . 9 .root = 5.84610908930764+01
500 .a . 0.5 1 . 10 . 10 .root = 6.44957486195844+01
500 .a . 0.5 1 . 10 . 11 .root = 7.06676212568705+01
500 .a . 0.5 1 . 10 . 12 .root = 7.68449302819144+01
500 .a . 0.5 1 . 10 . 13 .root = 8.30144727829394+01
500 .a . 0.5 1 . 10 . 14 .root = 8.92033838633764+01
500 .a . 0.5 1 . 10 . 15 .root = 9.54046494010869+01
500 .a . 0.5 1 . 10 . 16 .root = 1.01619389919184+02
500 .a . 0.5 1 . 10 . 17 .root = 1.07839672469454+02
500 .a . 0.5 1 . 10 . 18 .root = 1.1402230579254+02
500 .a . 0.5 1 . 10 . 19 .root = 1.20294866321154+02
500 .a . 0.5 1 . 10 . 20 .root = 1.26632421993994+02
500 .a . 0.5 1 . 10 . 21 .root = 1.32774828233144+02
500 .a . 0.5 1 . 10 . 22 .root = 1.39019875069134+02
500 .a . 0.5 1 . 10 . 23 .root = 1.45268710273014+02
500 .a . 0.5 1 . 10 . 24 .root = 1.5152038867894+02
500 .a . 0.5 1 . 10 . 25 .root = 1.57774672948634+02
500 .a . 0.5 1 . 10 . 26 .root = 1.64030974465024+02
500 .a . 0.5 1 . 10 . 27 .root = 1.70288349311294+02
500 .a . 0.5 1 . 10 . 28 .root = 1.765448358944+02
500 .a . 0.5 1 . 10 . 29 .root = 1.8281210082824+02
500 .a . 0.5 1 . 10 . 30 .root = 1.89074356110024+02
c
c
c
500 .a . 0.5 1 . 11 . 1 .root = 1.61953198103264+01
500 .a . 0.5 1 . 11 . 2 .root = 2.04178051496334+01
500 .a . 0.5 1 . 11 . 3 .root = 2.4527302708881+01
500 .a . 0.5 1 . 11 . 4 .root = 2.95813942895764+01
500 .a . 0.5 1 . 11 . 5 .root = 3.53888282331016+01
500 .a . 0.5 1 . 11 . 6 .root = 4.10534880794274+01
500 .a . 0.5 1 . 11 . 7 .root = 4.66988067093134+01
500 .a . 0.5 1 . 11 . 8 .root = 5.22838518040854+01
500 .a . 0.5 1 . 11 . 9 .root = 5.80381381115274+01
500 .a . 0.5 1 . 11 . 10 .root = 6.40888067093134+01
500 .a . 0.5 1 . 11 . 11 .root = 7.0393063029884+01
500 .a . 0.5 1 . 11 . 12 .root = 7.71275314201140+01
500 .a . 0.5 1 . 11 . 13 .root = 8.32797401349404+01
500 .a . 0.5 1 . 11 . 14 .root = 8.94502157691934+01
500 .a . 0.5 1 . 11 . 15 .root = 9.5639448294534+01
500 .a . 0.5 1 . 11 . 16 .root = 1.01832630757454+02
500 .a . 0.5 1 . 11 . 17 .root = 1.08038803850404+02
500 .a . 0.5 1 . 11 . 18 .root = 1.14255302846804+02
500 .a . 0.5 1 . 11 . 19 .root = 1.20477835601154+02
500 .a . 0.5 1 . 11 . 20 .root = 1.26706394210874+02
500 .a . 0.5 1 . 11 . 21 .root = 1.3294004187704+02
500 .a . 0.5 1 . 11 . 22 .root = 1.39178162078804+02
500 .a . 0.5 1 . 11 . 23 .root = 1.45420203385734+02
500 .a . 0.5 1 . 11 . 24 .root = 1.5166624946814+02
500 .a . 0.5 1 . 11 . 25 .root = 1.57914021628384+02
500 .a . 0.5 1 . 11 . 26 .root = 1.64165130288074+02
500 .a . 0.5 1 . 11 . 27 .root = 1.7041873388274+02
500 .a . 0.5 1 . 11 . 28 .root = 1.76671183372584+02
500 .a . 0.5 1 . 11 . 29 .root = 1.82931578845714+02
500 .a . 0.5 1 . 11 . 30 .root = 1.89190738873444+02

```

```

c
c
500 500 .a .a .5 1 = 12 n = 1 root = 1.7259024295185+01
500 500 .a .a .5 1 = 12 n = 2 root = 2.1513231052762+01
500 500 .a .a .5 1 = 12 n = 3 root = 2.5987397892421+01
500 500 .a .a .5 1 = 12 n = 4 root = 3.0770193895190+01
500 500 .a .a .5 1 = 12 n = 5 root = 3.6073315234959+01
500 500 .a .a .5 1 = 12 n = 6 root = 4.1861394463359+01
500 500 .a .a .5 1 = 12 n = 7 root = 4.7406501129653+01
500 500 .a .a .5 1 = 12 n = 8 root = 5.285767049300+01
500 500 .a .a .5 1 = 12 n = 9 root = 5.8247204294049+01
500 500 .a .a .5 1 = 12 n = 10 root = 6.352974054953+01
500 500 .a .a .5 1 = 12 n = 11 root = 6.873705230665+01
500 500 .a .a .5 1 = 12 n = 12 root = 7.38321080747+01
500 500 .a .a .5 1 = 12 n = 13 root = 7.879832694923+01
500 500 .a .a .5 1 = 12 n = 14 root = 8.371994618472+01
500 500 .a .a .5 1 = 12 n = 15 root = 8.859666630989+01
500 500 .a .a .5 1 = 12 n = 16 root = 9.343299307057+02
500 500 .a .a .5 1 = 12 n = 17 root = 9.82321279272+02
500 500 .a .a .5 1 = 12 n = 18 root = 1.040221418757+02
500 500 .a .a .5 1 = 12 n = 19 root = 1.095771726353+02
500 500 .a .a .5 1 = 12 n = 20 root = 1.169966329510+02
500 500 .a .a .5 1 = 12 n = 21 root = 1.231206763033+02
500 500 .a .a .5 1 = 12 n = 22 root = 1.303907100225+02
500 500 .a .a .5 1 = 12 n = 23 root = 1.409653169393+02
500 500 .a .a .5 1 = 12 n = 24 root = 1.518239385117+02
500 500 .a .a .5 1 = 12 n = 25 root = 1.590663293371+02
500 500 .a .a .5 1 = 12 n = 26 root = 1.643113767522+02
500 500 .a .a .5 1 = 12 n = 27 root = 1.705945146871+02
500 500 .a .a .5 1 = 12 n = 28 root = 1.769100182591+02
500 500 .a .a .5 1 = 12 n = 29 root = 1.830629146893+02
500 500 .a .a .5 1 = 12 n = 30 root = 1.893176278948+02

c
c
500 500 .a .a .5 1 = 13 n = 1 root = 1.839146618362+01
500 500 .a .a .5 1 = 13 n = 2 root = 2.26254400235+01
500 500 .a .a .5 1 = 13 n = 3 root = 2.695257139495+01
500 500 .a .a .5 1 = 13 n = 4 root = 3.162949994125+01
500 500 .a .a .5 1 = 13 n = 5 root = 3.66627763071+01
500 500 .a .a .5 1 = 13 n = 6 root = 4.22810749994+01
500 500 .a .a .5 1 = 13 n = 7 root = 4.795013382295+01
500 500 .a .a .5 1 = 13 n = 8 root = 5.37761294395+01
500 500 .a .a .5 1 = 13 n = 9 root = 5.98773921452+01
500 500 .a .a .5 1 = 13 n = 10 root = 6.599309798229+01
500 500 .a .a .5 1 = 13 n = 11 root = 7.102474982918+01
500 500 .a .a .5 1 = 13 n = 12 root = 7.7776933235+01
500 500 .a .a .5 1 = 13 n = 13 root = 8.368034924+01
500 500 .a .a .5 1 = 13 n = 14 root = 9.00910990002+01
500 500 .a .a .5 1 = 13 n = 15 root = 9.615918210025+01
500 500 .a .a .5 1 = 13 n = 16 root = 1.023235799142+02
500 500 .a .a .5 1 = 13 n = 17 root = 1.085027623694+02
500 500 .a .a .5 1 = 13 n = 18 root = 1.146299636517+02
500 500 .a .a .5 1 = 13 n = 19 root = 1.2083281894915+02
500 500 .a .a .5 1 = 13 n = 20 root = 1.271009513907+02
500 500 .a .a .5 1 = 13 n = 21 root = 1.333161319946+02
500 500 .a .a .5 1 = 13 n = 22 root = 1.393704181812+02
500 500 .a .a .5 1 = 13 n = 23 root = 1.4578401874175+02
500 500 .a .a .5 1 = 13 n = 24 root = 1.51929988769+02
500 500 .a .a .5 1 = 13 n = 25 root = 1.58230857759+02
500 500 .a .a .5 1 = 13 n = 26 root = 1.644699218292+02
500 500 .a .a .5 1 = 13 n = 27 root = 1.707119302067+02
500 500 .a .a .5 1 = 13 n = 28 root = 1.768871381468+02
500 500 .a .a .5 1 = 13 n = 29 root = 1.829048976235+02
500 500 .a .a .5 1 = 13 n = 30 root = 1.894900143237+02

```

```

c
c
c
500 .a . 0.5 | . 14 n = 1 root = 1.8449179104677e+01
500 .a . 0.5 | . 14 n = 2 root = 2.3746395042699e+01
500 .a . 0.5 | . 14 n = 3 root = 2.7532663039531e+01
500 .a . 0.5 | . 14 n = 4 root = 3.2526867587590e+01
500 .a . 0.5 | . 14 n = 5 root = 3.7074378733694e+01
500 .a . 0.5 | . 14 n = 6 root = 4.2950668739870e+01
500 .a . 0.5 | . 14 n = 7 root = 4.8949117462949e+01
500 .a . 0.5 | . 14 n = 8 root = 5.4300117033357e+01
500 .a . 0.5 | . 14 n = 9 root = 6.0159246162052e+01
500 .a . 0.5 | . 14 n = 10 root = 6.6057215927649e+01
500 .a . 0.5 | . 14 n = 11 root = 7.209300531981e+01
500 .a . 0.5 | . 14 n = 12 root = 7.8135722942899e+01
500 .a . 0.5 | . 14 n = 13 root = 8.4214629443800e+01
500 .a . 0.5 | . 14 n = 14 root = 9.0326940377979e+01
500 .a . 0.5 | . 14 n = 15 root = 9.646665391518e+01
500 .a . 0.5 | . 14 n = 16 root = 1.0259763089930e+02
500 .a . 0.5 | . 14 n = 17 root = 1.0876376278777e+02
500 .a . 0.5 | . 14 n = 18 root = 1.1493732318278e+02
500 .a . 0.5 | . 14 n = 19 root = 1.2112469391901e+02
500 .a . 0.5 | . 14 n = 20 root = 1.2732147661821e+02
500 .a . 0.5 | . 14 n = 21 root = 1.3352635916971e+02
500 .a . 0.5 | . 14 n = 22 root = 1.3973825052135e+02
500 .a . 0.5 | . 14 n = 23 root = 1.4595626131717e+02
500 .a . 0.5 | . 14 n = 24 root = 1.521782678915e+02
500 .a . 0.5 | . 14 n = 25 root = 1.5840774305938e+02
500 .a . 0.5 | . 14 n = 26 root = 1.6464094201399e+02
500 .a . 0.5 | . 14 n = 27 root = 1.7087607282630e+02
500 .a . 0.5 | . 14 n = 28 root = 1.7711944271149e+02
500 .a . 0.5 | . 14 n = 29 root = 1.8335781000220e+02
500 .a . 0.5 | . 14 n = 30 root = 1.8959287631890e+02

c
c
c
500 .a . 0.5 | . 15 n = 1 root = 2.0940975193635e+01
500 .a . 0.5 | . 15 n = 2 root = 2.4677370685672e+01
500 .a . 0.5 | . 15 n = 3 root = 2.9003473160450e+01
500 .a . 0.5 | . 15 n = 4 root = 3.346756209410e+01
500 .a . 0.5 | . 15 n = 5 root = 3.835752713074e+01
500 .a . 0.5 | . 15 n = 6 root = 4.3699905874622e+01
500 .a . 0.5 | . 15 n = 7 root = 4.9173529746239e+01
500 .a . 0.5 | . 15 n = 8 root = 5.487086291034e+01
500 .a . 0.5 | . 15 n = 9 root = 6.061094752698e+01
500 .a . 0.5 | . 15 n = 10 root = 6.650342539399e+01
500 .a . 0.5 | . 15 n = 11 root = 7.251218211713e+01
500 .a . 0.5 | . 15 n = 12 root = 7.8522040181929e+01
500 .a . 0.5 | . 15 n = 13 root = 8.4571989736513e+01
500 .a . 0.5 | . 15 n = 14 root = 9.063892922525e+01
500 .a . 0.5 | . 15 n = 15 root = 9.6761631930857e+01
500 .a . 0.5 | . 15 n = 16 root = 1.0286094894266e+02
500 .a . 0.5 | . 15 n = 17 root = 1.0903730045377e+02
500 .a . 0.5 | . 15 n = 18 root = 1.151874760300e+02
500 .a . 0.5 | . 15 n = 19 root = 1.2137272397177e+02
500 .a . 0.5 | . 15 n = 20 root = 1.2759740273274e+02
500 .a . 0.5 | . 15 n = 21 root = 1.3376123255766e+02
500 .a . 0.5 | . 15 n = 22 root = 1.3995316257576e+02
500 .a . 0.5 | . 15 n = 23 root = 1.4616208290809e+02
500 .a . 0.5 | . 15 n = 24 root = 1.523894884077e+02
500 .a . 0.5 | . 15 n = 25 root = 1.5863789439153e+02
500 .a . 0.5 | . 15 n = 26 root = 1.649023873260e+02
500 .a . 0.5 | . 15 n = 27 root = 1.711807973886e+02
500 .a . 0.5 | . 15 n = 28 root = 1.7748063710814e+02
500 .a . 0.5 | . 15 n = 29 root = 1.8380152999014e+02
500 .a . 0.5 | . 15 n = 30 root = 1.8976119399700e+02

```

```

c
c
50 * 500. a * 0.6 i * 1 n * 1 root = 8.0505844604741e+00
50 * 500. a * 0.6 i * 1 n * 2 root = 1.5307662393062e+01
50 * 500. a * 0.6 i * 1 n * 3 root = 2.3627281078067e+01
50 * 500. a * 0.6 i * 1 n * 4 root = 3.14638145273053e+01
50 * 500. a * 0.6 i * 1 n * 5 root = 3.5307263888265e+01
50 * 500. a * 0.6 i * 1 n * 6 root = 4.7154212440812e+01
50 * 500. a * 0.6 i * 1 n * 7 root = 5.5003129156157e+01
50 * 500. a * 0.6 i * 1 n * 8 root = 6.2853361163407e+01
50 * 500. a * 0.6 i * 1 n * 9 root = 7.0704401253771e+01
50 * 500. a * 0.6 i * 1 n * 10 root = 7.855602838322e+01
50 * 500. a * 0.6 i * 1 n * 11 root = 8.6408039171737e+01
50 * 500. a * 0.6 i * 1 n * 12 root = 9.426045870185e+01
50 * 500. a * 0.6 i * 1 n * 13 root = 1.0211308151405e+02
50 * 500. a * 0.6 i * 1 n * 14 root = 1.098398797025e+02
50 * 500. a * 0.6 i * 1 n * 15 root = 1.176188365794e+02
50 * 500. a * 0.6 i * 1 n * 16 root = 1.2537195794984e+02
50 * 500. a * 0.6 i * 1 n * 17 root = 1.3309516933394e+02
50 * 500. a * 0.6 i * 1 n * 18 root = 1.4137849773171e+02
50 * 500. a * 0.6 i * 1 n * 19 root = 1.4923181907205e+02
50 * 500. a * 0.6 i * 1 n * 20 root = 1.5770824241933e+02
50 * 500. a * 0.6 i * 1 n * 21 root = 1.649371891960e+02
50 * 500. a * 0.6 i * 1 n * 22 root = 1.7278294122781e+02
50 * 500. a * 0.6 i * 1 n * 23 root = 1.809490369327e+02
50 * 500. a * 0.6 i * 1 n * 24 root = 1.8949940092242e+02
50 * 500. a * 0.6 i * 1 n * 25 root = 1.963830326527e+02
50 * 500. a * 0.6 i * 1 n * 26 root = 2.0420989413346e+02
50 * 500. a * 0.6 i * 1 n * 27 root = 2.1205036351304e+02
50 * 500. a * 0.6 i * 1 n * 28 root = 2.1981402447658e+02
50 * 500. a * 0.6 i * 1 n * 29 root = 2.2778776479787e+02
50 * 500. a * 0.6 i * 1 n * 30 root = 2.3562152253562e+02

c
c
50 * 500. a * 0.6 i * 2 n * 1 root = 8.4399599557517e+00
50 * 500. a * 0.6 i * 2 n * 2 root = 1.8015181112538e+01
50 * 500. a * 0.6 i * 2 n * 3 root = 2.3767370241039e+01
50 * 500. a * 0.6 i * 2 n * 4 root = 3.1369344722228e+01
50 * 500. a * 0.6 i * 2 n * 5 root = 3.5301853115228e+01
50 * 500. a * 0.6 i * 2 n * 6 root = 4.7224784423167e+01
50 * 500. a * 0.6 i * 2 n * 7 root = 5.5053988813735e+01
50 * 500. a * 0.6 i * 2 n * 8 root = 6.2853363662016e+01
50 * 500. a * 0.6 i * 2 n * 9 root = 7.0751512813321e+01
50 * 500. a * 0.6 i * 2 n * 10 root = 7.8599437534167e+01
50 * 500. a * 0.6 i * 2 n * 11 root = 8.6449943363228e+01
50 * 500. a * 0.6 i * 2 n * 12 root = 9.4297888920789e+01
50 * 500. a * 0.6 i * 2 n * 13 root = 1.0214571490098e+02
50 * 500. a * 0.6 i * 2 n * 14 root = 1.0983620243059e+02
50 * 500. a * 0.6 i * 2 n * 15 root = 1.1761712534738e+02
50 * 500. a * 0.6 i * 2 n * 16 root = 1.2539948920670e+02
50 * 500. a * 0.6 i * 2 n * 17 root = 1.3309512594180e+02
50 * 500. a * 0.6 i * 2 n * 18 root = 1.4144205167019e+02
50 * 500. a * 0.6 i * 2 n * 19 root = 1.4929415282377e+02
50 * 500. a * 0.6 i * 2 n * 20 root = 1.571049929294e+02
50 * 500. a * 0.6 i * 2 n * 21 root = 1.649392942251e+02
50 * 500. a * 0.6 i * 2 n * 22 root = 1.7281153030294e+02
50 * 500. a * 0.6 i * 2 n * 23 root = 1.8089429451010e+02
50 * 500. a * 0.6 i * 2 n * 24 root = 1.881708318879e+02
50 * 500. a * 0.6 i * 2 n * 25 root = 1.937700447331e+02
50 * 500. a * 0.6 i * 2 n * 26 root = 2.0422300622942e+02
50 * 500. a * 0.6 i * 2 n * 27 root = 2.1207608149470e+02
50 * 500. a * 0.6 i * 2 n * 28 root = 2.1982921100875e+02
50 * 500. a * 0.6 i * 2 n * 29 root = 2.2778241888888e+02
50 * 500. a * 0.6 i * 2 n * 30 root = 2.356306687447e+02

```

```

c
c
500 .a .a .0.6 .a 3 .n 1 root = 9.9877594932626e+00
500 .a .a .0.6 .a 3 .n 2 root = 1.6321673171897e+01
500 .a .a .0.6 .a 3 .n 3 root = 2.39780713378218e+01
500 .a .a .0.6 .a 3 .n 4 root = 3.1727031982789e+01
500 .a .a .0.6 .a 3 .n 5 root = 3.911944339393e+01
500 .a .a .0.6 .a 3 .n 6 root = 4.7330461790439e+01
500 .a .a .0.6 .a 3 .n 7 root = 5.5194399386185e+01
500 .a .a .0.6 .a 3 .n 8 root = 6.2628746227315e+01
500 .a .a .0.6 .a 3 .n 9 root = 7.0822129453574e+01
500 .a .a .0.6 .a 3 .n 10 root = 7.89801172220e+01
500 .a .a .0.6 .a 3 .n 11 root = 8.620446204335e+01
500 .a .a .0.6 .a 3 .n 12 root = 9.4349810591437e+01
500 .a .a .0.6 .a 3 .n 13 root = 1.0219494716729e+02
500 .a .a .0.6 .a 3 .n 14 root = 1.1004184464522e+02
500 .a .a .0.6 .a 3 .n 15 root = 1.17897237879e+02
500 .a .a .0.6 .a 3 .n 16 root = 1.257329339836e+02
500 .a .a .0.6 .a 3 .n 17 root = 1.336487611292e+02
500 .a .a .0.6 .a 3 .n 18 root = 1.41437399395e+02
500 .a .a .0.6 .a 3 .n 19 root = 1.492878477444e+02
500 .a .a .0.6 .a 3 .n 20 root = 1.571382912880e+02
500 .a .a .0.6 .a 3 .n 21 root = 1.649923233635e+02
500 .a .a .0.6 .a 3 .n 22 root = 1.729404603939e+02
500 .a .a .0.6 .a 3 .n 23 root = 1.809919279675e+02
500 .a .a .0.6 .a 3 .n 24 root = 1.891463379474e+02
500 .a .a .0.6 .a 3 .n 25 root = 1.953994942812e+02
500 .a .a .0.6 .a 3 .n 26 root = 2.0424746789153e+02
500 .a .a .0.6 .a 3 .n 27 root = 2.129966067650e+02
500 .a .a .0.6 .a 3 .n 28 root = 2.1981152451211e+02
500 .a .a .0.6 .a 3 .n 29 root = 2.2780436961407e+02
500 .a .a .0.6 .a 3 .n 30 root = 2.359568871815e+02

c
c
500 .a .a .0.6 .a 4 .n 1 root = 9.888992946872e+00
500 .a .a .0.6 .a 4 .n 2 root = 1.672191155749e+01
500 .a .a .0.6 .a 4 .n 3 root = 2.425173049e+01
500 .a .a .0.6 .a 4 .n 4 root = 3.193616300789e+01
500 .a .a .0.6 .a 4 .n 5 root = 3.98963639339e+01
500 .a .a .0.6 .a 4 .n 6 root = 4.747102939397e+01
500 .a .a .0.6 .a 4 .n 7 root = 5.527508773093e+01
500 .a .a .0.6 .a 4 .n 8 root = 6.30914763470e+01
500 .a .a .0.6 .a 4 .n 9 root = 7.0916178038761e+01
500 .a .a .0.6 .a 4 .n 10 root = 7.874670439513e+01
500 .a .a .0.6 .a 4 .n 11 root = 8.658147632903e+01
500 .a .a .0.6 .a 4 .n 12 root = 9.44119438202316e+01
500 .a .a .0.6 .a 4 .n 13 root = 1.022999994970e+02
500 .a .a .0.6 .a 4 .n 14 root = 1.101023011894e+02
500 .a .a .0.6 .a 4 .n 15 root = 1.17946108417171e+02
500 .a .a .0.6 .a 4 .n 16 root = 1.257918272444e+02
500 .a .a .0.6 .a 4 .n 17 root = 1.3363749293972e+02
500 .a .a .0.6 .a 4 .n 18 root = 1.4148496129495e+02
500 .a .a .0.6 .a 4 .n 19 root = 1.493329988036e+02
500 .a .a .0.6 .a 4 .n 20 root = 1.571807063408e+02
500 .a .a .0.6 .a 4 .n 21 root = 1.6502934331671e+02
500 .a .a .0.6 .a 4 .n 22 root = 1.728792781420e+02
500 .a .a .0.6 .a 4 .n 23 root = 1.80729318898e+02
500 .a .a .0.6 .a 4 .n 24 root = 1.885793593391e+02
500 .a .a .0.6 .a 4 .n 25 root = 1.964294029402e+02
500 .a .a .0.6 .a 4 .n 26 root = 2.0428041294914e+02
500 .a .a .0.6 .a 4 .n 27 root = 2.1213108807068e+02
500 .a .a .0.6 .a 4 .n 28 root = 2.199813522925e+02
500 .a .a .0.6 .a 4 .n 29 root = 2.2783330318121e+02
500 .a .a .0.6 .a 4 .n 30 root = 2.3568517941605e+02

```

```

c
c
500 .a .6 . 5 .n 1 root = 1.04901432808e+01
500 .a .6 . 5 .n 2 root = 1.7202743537823e+01
500 .a .6 . 5 .n 3 root = 2.1933352028465e+01
500 .a .6 . 5 .n 4 root = 3.2113311475255e+01
500 .a .6 . 5 .n 5 root = 3.9882080023988e+01
500 .a .6 . 5 .n 6 root = 4.7848204984780e+01
500 .a .6 . 5 .n 7 root = 5.942332907338e+01
500 .a .6 . 5 .n 8 root = 6.322407008947e+01
500 .a .6 . 5 .n 9 root = 7.103332006052e+01
500 .a .6 . 5 .n 10 root = 7.882453438811e+01
500 .a .6 . 5 .n 11 root = 8.677763889331e+01
500 .a .6 . 5 .n 12 root = 9.4907834486025e+01
500 .a .6 . 5 .n 13 root = 1.029413198682e+02
500 .a .6 . 5 .n 14 root = 1.101778285818e+02
500 .a .6 . 5 .n 15 root = 1.180167351802e+02
500 .a .6 . 5 .n 16 root = 1.265874932604e+02
500 .a .6 . 5 .n 17 root = 1.338375945254e+02
500 .a .6 . 5 .n 18 root = 1.419434001173e+02
500 .a .6 . 5 .n 19 root = 1.4988909141605e+02
500 .a .6 . 5 .n 20 root = 1.5762371014601e+02
500 .a .6 . 5 .n 21 root = 1.6520012410325e+02
500 .a .6 . 5 .n 22 root = 1.726272205613e+02
500 .a .6 . 5 .n 23 root = 1.8077432357016e+02
500 .a .6 . 5 .n 24 root = 1.88631446732e+02
500 .a .6 . 5 .n 25 root = 1.9647182886031e+02
500 .a .6 . 5 .n 26 root = 2.043209158387e+02
500 .a .6 . 5 .n 27 root = 2.121703873258e+02
500 .a .6 . 5 .n 28 root = 2.2002014158512e+02
500 .a .6 . 5 .n 29 root = 2.278702098323e+02
500 .a .6 . 5 .n 30 root = 2.3572053135831e+02

```

```

c
c
500 .a .6 . 6 .n 1 root = 1.1319308666609e+01
500 .a .6 . 6 .n 2 root = 1.7778136930889e+01
500 .a .6 . 6 .n 3 root = 2.4686158289576e+01
500 .a .6 . 6 .n 4 root = 3.250487394726e+01
500 .a .6 . 6 .n 5 root = 4.0149840833915e+01
500 .a .6 . 6 .n 6 root = 4.785633687395e+01
500 .a .6 . 6 .n 7 root = 5.560574428125e+01
500 .a .6 . 6 .n 8 root = 6.3381303576111e+01
500 .a .6 . 6 .n 9 root = 7.1174230322e+01
500 .a .6 . 6 .n 10 root = 7.897518182629e+01
500 .a .6 . 6 .n 11 root = 8.6782971675000e+01
500 .a .6 . 6 .n 12 root = 9.4613414979282e+01
500 .a .6 . 6 .n 13 root = 1.02488888273e+02
500 .a .6 . 6 .n 14 root = 1.1038830057232e+02
500 .a .6 . 6 .n 15 root = 1.1810144632389e+02
500 .a .6 . 6 .n 16 root = 1.258332798102e+02
500 .a .6 . 6 .n 17 root = 1.33744742374e+02
500 .a .6 . 6 .n 18 root = 1.416140308015e+02
500 .a .6 . 6 .n 19 root = 1.494501957383e+02
500 .a .6 . 6 .n 20 root = 1.572573006338e+02
500 .a .6 . 6 .n 21 root = 1.65146823308e+02
500 .a .6 . 6 .n 22 root = 1.729294294019e+02
500 .a .6 . 6 .n 23 root = 1.808302394857e+02
500 .a .6 . 6 .n 24 root = 1.8887618931311e+02
500 .a .6 . 6 .n 25 root = 1.969327203354e+02
500 .a .6 . 6 .n 26 root = 2.049898481188e+02
500 .a .6 . 6 .n 27 root = 2.13174283808e+02
500 .a .6 . 6 .n 28 root = 2.200800848317e+02
500 .a .6 . 6 .n 29 root = 2.278140878488e+02
500 .a .6 . 6 .n 30 root = 2.354828281108e+02

```



```

c
c
c
** 500. a# 0.6 |# 9 n# 1      root = 1.4321705887814e+01
** 500. a# 0.6 |# 9 n# 2      root = 1.3682447281932e+01
** 500. a# 0.6 |# 9 n# 3      root = 2.6920112274229e+01
** 500. a# 0.6 |# 9 n# 4      root = 3.3715043072701e+01
** 500. a# 0.6 |# 9 n# 5      root = 4.1131460082044e+01
** 500. a# 0.6 |# 9 n# 6      root = 4.888613927682e+01
** 500. a# 0.6 |# 9 n# 7      root = 5.6321058387936e+01
** 500. a# 0.6 |# 9 n# 8      root = 6.4009779156949e+01
** 500. a# 0.6 |# 9 n# 9      root = 7.1734325528011e+01
** 500. a# 0.6 |# 9 n# 10     root = 7.9484251073717e+01
** 500. a# 0.6 |# 9 n# 11     root = 8.7252734462533e+01
** 500. a# 0.6 |# 9 n# 12     root = 9.5036369462531e+01
** 500. a# 0.6 |# 9 n# 13     root = 1.028383338672e+02
** 500. a# 0.6 |# 9 n# 14     root = 1.1063094683414e+02
** 500. a# 0.6 |# 9 n# 15     root = 1.1843731170754e+02
** 500. a# 0.6 |# 9 n# 16     root = 1.2629421129372e+02
** 500. a# 0.6 |# 9 n# 17     root = 1.34073309482534e+02
** 500. a# 0.6 |# 9 n# 18     root = 1.4186229144712e+02
** 500. a# 0.6 |# 9 n# 19     root = 1.4972245989179e+02
** 500. a# 0.6 |# 9 n# 20     root = 1.5755142579015e+02
** 500. a# 0.6 |# 9 n# 21     root = 1.653679408235e+02
** 500. a# 0.6 |# 9 n# 22     root = 1.7316153337394e+02
** 500. a# 0.6 |# 9 n# 23     root = 1.810513045316e+02
** 500. a# 0.6 |# 9 n# 24     root = 1.8893816242336e+02
** 500. a# 0.6 |# 9 n# 25     root = 1.9672617357421e+02
** 500. a# 0.6 |# 9 n# 26     root = 2.045950260374e+02
** 500. a# 0.6 |# 9 n# 27     root = 2.12495914215884e+02
** 500. a# 0.6 |# 9 n# 28     root = 2.2042726575634e+02
** 500. a# 0.6 |# 9 n# 29     root = 2.28389336838694e+02
** 500. a# 0.6 |# 9 n# 30     root = 2.36382966611674e+02

c
c
c
** 500. a# 0.6 |# 10 n# 1     root = 1.5251246743980e+01
** 500. a# 0.6 |# 10 n# 2     root = 2.0711958196304e+01
** 500. a# 0.6 |# 10 n# 3     root = 2.7173957465789e+01
** 500. a# 0.6 |# 10 n# 4     root = 3.42076830303906e+01
** 500. a# 0.6 |# 10 n# 5     root = 4.152678343036e+01
** 500. a# 0.6 |# 10 n# 6     root = 4.9026829332991e+01
** 500. a# 0.6 |# 10 n# 7     root = 5.6616673721580e+01
** 500. a# 0.6 |# 10 n# 8     root = 6.4299827128584e+01
** 500. a# 0.6 |# 10 n# 9     root = 7.1995223447264e+01
** 500. a# 0.6 |# 10 n# 10    root = 7.9693035374424e+01
** 500. a# 0.6 |# 10 n# 11    root = 8.744373394932e+01
** 500. a# 0.6 |# 10 n# 12    root = 9.52110700821934e+01
** 500. a# 0.6 |# 10 n# 13    root = 1.0299087178609e+02
** 500. a# 0.6 |# 10 n# 14    root = 1.10781448110253e+02
** 500. a# 0.6 |# 10 n# 15    root = 1.1858043277032e+02
** 500. a# 0.6 |# 10 n# 16    root = 1.2638619837238e+02
** 500. a# 0.6 |# 10 n# 17    root = 1.3419780946898e+02
** 500. a# 0.6 |# 10 n# 18    root = 1.4201370168832e+02
** 500. a# 0.6 |# 10 n# 19    root = 1.4983376806217e+02
** 500. a# 0.6 |# 10 n# 20    root = 1.5765720133737e+02
** 500. a# 0.6 |# 10 n# 21    root = 1.65484633187753e+02
** 500. a# 0.6 |# 10 n# 22    root = 1.73316281618704e+02
** 500. a# 0.6 |# 10 n# 23    root = 1.8114337833712e+02
** 500. a# 0.6 |# 10 n# 24    root = 1.889762376828e+02
** 500. a# 0.6 |# 10 n# 25    root = 1.9681628633271e+02
** 500. a# 0.6 |# 10 n# 26    root = 2.046497223277e+02
** 500. a# 0.6 |# 10 n# 27    root = 2.1248437704632e+02
** 500. a# 0.6 |# 10 n# 28    root = 2.203202294682e+02
** 500. a# 0.6 |# 10 n# 29    root = 2.2815820709124e+02
** 500. a# 0.6 |# 10 n# 30    root = 2.3600820512032e+02

```

c
c

```
500 .a . 0.6 1 11 n 1 root = 1.629377229570e+01
500 .a . 0.6 1 11 n 2 root = 2.1822511532025e+01
500 .a . 0.6 1 11 n 3 root = 2.7844652310527e+01
500 .a . 0.6 1 11 n 4 root = 3.4742243020095e+01
500 .a . 0.6 1 11 n 5 root = 4.1376925093639e+01
500 .a . 0.6 1 11 n 6 root = 4.824025232328e+01
500 .a . 0.6 1 11 n 7 root = 5.4940236436735e+01
500 .a . 0.6 1 11 n 8 root = 6.126204061403e+01
500 .a . 0.6 1 11 n 9 root = 6.7221155107677e+01
500 .a . 0.6 1 11 n 10 root = 7.292379950722e+01
500 .a . 0.6 1 11 n 11 root = 7.82533197697e+01
500 .a . 0.6 1 11 n 12 root = 8.3240321043625e+01
500 .a . 0.6 1 11 n 13 root = 8.789846194925e+02
500 .a . 0.6 1 11 n 14 root = 1.109462795795e+02
500 .a . 0.6 1 11 n 15 root = 1.167350312024e+02
500 .a . 0.6 1 11 n 16 root = 1.2553127352369e+02
500 .a . 0.6 1 11 n 17 root = 1.3473420163999e+02
500 .a . 0.6 1 11 n 18 root = 1.4214276569457e+02
500 .a . 0.6 1 11 n 19 root = 1.4895611311029e+02
500 .a . 0.6 1 11 n 20 root = 1.5777347981639e+02
500 .a . 0.6 1 11 n 21 root = 1.6529431219299e+02
500 .a . 0.6 1 11 n 22 root = 1.7341814165779e+02
500 .a . 0.6 1 11 n 23 root = 1.8124457951147e+02
500 .a . 0.6 1 11 n 24 root = 1.8907330301299e+02
500 .a . 0.6 1 11 n 25 root = 1.968940303317e+02
500 .a . 0.6 1 11 n 26 root = 2.04730594819e+02
500 .a . 0.6 1 11 n 27 root = 2.12570959329e+02
500 .a . 0.6 1 11 n 28 root = 2.2040671195029e+02
500 .a . 0.6 1 11 n 29 root = 2.2824657573334e+02
500 .a . 0.6 1 11 n 30 root = 2.360908653382e+02
```

c
c

```
500 .a . 0.6 1 12 n 1 root = 1.7357621626046e+01
500 .a . 0.6 1 12 n 2 root = 2.2449597032614e+01
500 .a . 0.6 1 12 n 3 root = 2.8560042184995e+01
500 .a . 0.6 1 12 n 4 root = 3.5316976067708e+01
500 .a . 0.6 1 12 n 5 root = 4.245246271918e+01
500 .a . 0.6 1 12 n 6 root = 4.9905119889189e+01
500 .a . 0.6 1 12 n 7 root = 5.7291318404032e+01
500 .a . 0.6 1 12 n 8 root = 6.4694749911032e+01
500 .a . 0.6 1 12 n 9 root = 7.246800859581e+01
500 .a . 0.6 1 12 n 10 root = 8.017389944762e+01
500 .a . 0.6 1 12 n 11 root = 8.7881465341039e+01
500 .a . 0.6 1 12 n 12 root = 9.5612618283004e+01
500 .a . 0.6 1 12 n 13 root = 1.0336268187431e+02
500 .a . 0.6 1 12 n 14 root = 1.1112717609743e+02
500 .a . 0.6 1 12 n 15 root = 1.1890943755112e+02
500 .a . 0.6 1 12 n 16 root = 1.2669293240174e+02
500 .a . 0.6 1 12 n 17 root = 1.3448307644494e+02
500 .a . 0.6 1 12 n 18 root = 1.4228346329124e+02
500 .a . 0.6 1 12 n 19 root = 1.5008948134724e+02
500 .a . 0.6 1 12 n 20 root = 1.5790024010635e+02
500 .a . 0.6 1 12 n 21 root = 1.6571686310334e+02
500 .a . 0.6 1 12 n 22 root = 1.7353467488274e+02
500 .a . 0.6 1 12 n 23 root = 1.8135498823031e+02
500 .a . 0.6 1 12 n 24 root = 1.891790806706e+02
500 .a . 0.6 1 12 n 25 root = 1.970020294618e+02
500 .a . 0.6 1 12 n 26 root = 2.0482424094804e+02
500 .a . 0.6 1 12 n 27 root = 2.1264974148091e+02
500 .a . 0.6 1 12 n 28 root = 2.2047958130078e+02
500 .a . 0.6 1 12 n 29 root = 2.283130333364e+02
500 .a . 0.6 1 12 n 30 root = 2.3615000302734e+02
```



```

c
c
c
500 .a . 0.6 | . 15 | n = 1      root = 2.0574653820010e+01
500 .a . 0.6 | . 15 | n = 2      root = 2.940772222395e+01
500 .a . 0.6 | . 15 | n = 3      root = 3.0943394651511e+01
500 .a . 0.6 | . 15 | n = 4      root = 3.7265115246249e+01
500 .a . 0.6 | . 15 | n = 5      root = 4.4081762513921e+01
500 .a . 0.6 | . 15 | n = 6      root = 5.1193945012937e+01
500 .a . 0.6 | . 15 | n = 7      root = 5.6505039561939e+01
500 .a . 0.6 | . 15 | n = 8      root = 6.9583304252201e+01
500 .a . 0.6 | . 15 | n = 9      root = 7.346222873717e+01
500 .a . 0.6 | . 15 | n = 10     root = 8.104410388830e+01
500 .a . 0.6 | . 15 | n = 11     root = 8.867572724232e+01
500 .a . 0.6 | . 15 | n = 12     root = 9.634317628332e+01
500 .a . 0.6 | . 15 | n = 13     root = 1.040365183000e+02
500 .a . 0.6 | . 15 | n = 14     root = 1.1175936951948e+02
500 .a . 0.6 | . 15 | n = 15     root = 1.1949124016007e+02
500 .a . 0.6 | . 15 | n = 16     root = 1.2724107469366e+02
500 .a . 0.6 | . 15 | n = 17     root = 1.3500236102278e+02
500 .a . 0.6 | . 15 | n = 18     root = 1.4277433031185e+02
500 .a . 0.6 | . 15 | n = 19     root = 1.505554207943e+02
500 .a . 0.6 | . 15 | n = 20     root = 1.5834317332103e+02
500 .a . 0.6 | . 15 | n = 21     root = 1.6613716613172e+02
500 .a . 0.6 | . 15 | n = 22     root = 1.739365637737e+02
500 .a . 0.6 | . 15 | n = 23     root = 1.8174055776310e+02
500 .a . 0.6 | . 15 | n = 24     root = 1.8954887912532e+02
500 .a . 0.6 | . 15 | n = 25     root = 1.973573333381e+02
500 .a . 0.6 | . 15 | n = 26     root = 2.051730069334e+02
500 .a . 0.6 | . 15 | n = 27     root = 2.1298974394823e+02
500 .a . 0.6 | . 15 | n = 28     root = 2.208142352558e+02
500 .a . 0.6 | . 15 | n = 29     root = 2.2863703214655e+02
500 .a . 0.6 | . 15 | n = 30     root = 2.3646189328131e+02

c
c
c
500 .a . 0.7 | . 1 | n = 1      root = 1.058949386093e+01
500 .a . 0.7 | . 1 | n = 2      root = 2.102068539574e+01
500 .a . 0.7 | . 1 | n = 3      root = 3.1494622221988e+01
500 .a . 0.7 | . 1 | n = 4      root = 4.1912939581195e+01
500 .a . 0.7 | . 1 | n = 5      root = 5.238047433330e+01
500 .a . 0.7 | . 1 | n = 6      root = 6.284791185769e+01
500 .a . 0.7 | . 1 | n = 7      root = 7.3316944011333e+01
500 .a . 0.7 | . 1 | n = 8      root = 8.378518958397e+01
500 .a . 0.7 | . 1 | n = 9      root = 9.4253298169479e+01
500 .a . 0.7 | . 1 | n = 10     root = 1.047267287939e+02
500 .a . 0.7 | . 1 | n = 11     root = 1.1519749467350e+02
500 .a . 0.7 | . 1 | n = 12     root = 1.256884766392e+02
500 .a . 0.7 | . 1 | n = 13     root = 1.361395032793e+02
500 .a . 0.7 | . 1 | n = 14     root = 1.466107344302e+02
500 .a . 0.7 | . 1 | n = 15     root = 1.5709303945152e+02
500 .a . 0.7 | . 1 | n = 16     root = 1.675334672890e+02
500 .a . 0.7 | . 1 | n = 17     root = 1.7802491169949e+02
500 .a . 0.7 | . 1 | n = 18     root = 1.8846941732269e+02
500 .a . 0.7 | . 1 | n = 19     root = 1.9886804604577e+02
500 .a . 0.7 | . 1 | n = 20     root = 2.093209498115e+02
500 .a . 0.7 | . 1 | n = 21     root = 2.198131232666e+02
500 .a . 0.7 | . 1 | n = 22     root = 2.303363993223e+02
500 .a . 0.7 | . 1 | n = 23     root = 2.4089470149787e+02
500 .a . 0.7 | . 1 | n = 24     root = 2.514924939306e+02
500 .a . 0.7 | . 1 | n = 25     root = 2.6176817797738e+02
500 .a . 0.7 | . 1 | n = 26     root = 2.726889438250e+02
500 .a . 0.7 | . 1 | n = 27     root = 2.8274172480805e+02
500 .a . 0.7 | . 1 | n = 28     root = 2.9281181387101e+02
500 .a . 0.7 | . 1 | n = 29     root = 3.0308532737818e+02
500 .a . 0.7 | . 1 | n = 30     root = 3.1415714608518e+02

```

c
c

se = 500. a = 0.7 i = 2 n = 1 root = 1.085973111008e+01
se = 500. a = 0.7 i = 2 n = 2 root = 2.114089410230e+01
se = 500. a = 0.7 i = 2 n = 3 root = 3.1945157719503e+01
se = 500. a = 0.7 i = 2 n = 4 root = 4.1983339177607e+01
se = 500. a = 0.7 i = 2 n = 5 root = 5.243485942438e+01
se = 500. a = 0.7 i = 2 n = 6 root = 6.2683339220916e+01
se = 500. a = 0.7 i = 2 n = 7 root = 7.3399933233799e+01
se = 500. a = 0.7 i = 2 n = 8 root = 8.3820273031531e+01
se = 500. a = 0.7 i = 2 n = 9 root = 9.4389571661514e+01
se = 500. a = 0.7 i = 2 n = 10 root = 1.0479400435071e+02
se = 500. a = 0.7 i = 2 n = 11 root = 1.1522262223599e+02
se = 500. a = 0.7 i = 2 n = 12 root = 1.258911329393e+02
se = 500. a = 0.7 i = 2 n = 13 root = 1.361604283995e+02
se = 500. a = 0.7 i = 2 n = 14 root = 1.4633822044916e+02
se = 500. a = 0.7 i = 2 n = 15 root = 1.571024770289e+02
se = 500. a = 0.7 i = 2 n = 16 root = 1.6757051857307e+02
se = 500. a = 0.7 i = 2 n = 17 root = 1.7804939381617e+02
se = 500. a = 0.7 i = 2 n = 18 root = 1.885162818918e+02
se = 500. a = 0.7 i = 2 n = 19 root = 1.989824072897e+02
se = 500. a = 0.7 i = 2 n = 20 root = 2.094533299423e+02
se = 500. a = 0.7 i = 2 n = 21 root = 2.198243071614e+02
se = 500. a = 0.7 i = 2 n = 22 root = 2.303023936933e+02
se = 500. a = 0.7 i = 2 n = 23 root = 2.408895637192e+02
se = 500. a = 0.7 i = 2 n = 24 root = 2.5133779789516e+02
se = 500. a = 0.7 i = 2 n = 25 root = 2.6180806135276e+02
se = 500. a = 0.7 i = 2 n = 26 root = 2.723004372780e+02
se = 500. a = 0.7 i = 2 n = 27 root = 2.827618298942e+02
se = 500. a = 0.7 i = 2 n = 28 root = 2.932282042557e+02
se = 500. a = 0.7 i = 2 n = 29 root = 3.0369473299457e+02
se = 500. a = 0.7 i = 2 n = 30 root = 3.1416624066409e+02

c
c

se = 500. a = 0.7 i = 3 n = 1 root = 1.1239677777803e+01
se = 500. a = 0.7 i = 3 n = 2 root = 2.1341000107525e+01
se = 500. a = 0.7 i = 3 n = 3 root = 3.1680492019593e+01
se = 500. a = 0.7 i = 3 n = 4 root = 4.209204486192e+01
se = 500. a = 0.7 i = 3 n = 5 root = 5.2518365701168e+01
se = 500. a = 0.7 i = 3 n = 6 root = 6.2951421223693e+01
se = 500. a = 0.7 i = 3 n = 7 root = 7.341390056139e+01
se = 500. a = 0.7 i = 3 n = 8 root = 8.3871178738702e+01
se = 500. a = 0.7 i = 3 n = 9 root = 9.4322009377760e+01
se = 500. a = 0.7 i = 3 n = 10 root = 1.0479400435240e+02
se = 500. a = 0.7 i = 3 n = 11 root = 1.1522262223599e+02
se = 500. a = 0.7 i = 3 n = 12 root = 1.2579523016220e+02
se = 500. a = 0.7 i = 3 n = 13 root = 1.3619196335098e+02
se = 500. a = 0.7 i = 3 n = 14 root = 1.463994460919e+02
se = 500. a = 0.7 i = 3 n = 15 root = 1.5712752933373e+02
se = 500. a = 0.7 i = 3 n = 16 root = 1.6759609187428e+02
se = 500. a = 0.7 i = 3 n = 17 root = 1.7809509591039e+02
se = 500. a = 0.7 i = 3 n = 18 root = 1.885343611534e+02
se = 500. a = 0.7 i = 3 n = 19 root = 1.99039421216e+02
se = 500. a = 0.7 i = 3 n = 20 root = 2.094737863997e+02
se = 500. a = 0.7 i = 3 n = 21 root = 2.199494903631e+02
se = 500. a = 0.7 i = 3 n = 22 root = 2.304135976294e+02
se = 500. a = 0.7 i = 3 n = 23 root = 2.408943806262e+02
se = 500. a = 0.7 i = 3 n = 24 root = 2.51394903633e+02
se = 500. a = 0.7 i = 3 n = 25 root = 2.618924406947e+02
se = 500. a = 0.7 i = 3 n = 26 root = 2.7239517703163e+02
se = 500. a = 0.7 i = 3 n = 27 root = 2.827898637831e+02
se = 500. a = 0.7 i = 3 n = 28 root = 2.932276785721e+02
se = 500. a = 0.7 i = 3 n = 29 root = 3.037089472764e+02
se = 500. a = 0.7 i = 3 n = 30 root = 3.1417988299933e+02

c
c
c

se * 500. a ** 0.7 i ** 4 n ** 1 root = 1.1727305313371e+01
se * 500. a ** 0.7 i ** 4 n ** 2 root = 2.1650404188787e+01
se * 500. a ** 0.7 i ** 4 n ** 3 root = 3.1860073492558e+01
se * 500. a ** 0.7 i ** 4 n ** 4 root = 4.2320656918404e+01
se * 500. a ** 0.7 i ** 4 n ** 5 root = 5.2622231517878e+01
se * 500. a ** 0.7 i ** 4 n ** 6 root = 6.3252307494945e+01
se * 500. a ** 0.7 i ** 4 n ** 7 root = 7.3491755870744e+01
se * 500. a ** 0.7 i ** 4 n ** 8 root = 8.3539473278761e+01
se * 500. a ** 0.7 i ** 4 n ** 9 root = 9.4326500363635e+01
se * 500. a ** 0.7 i ** 4 n ** 10 root = 1.04642911523127e+02
se * 500. a ** 0.7 i ** 4 n ** 11 root = 1.1530901397633e+02
se * 500. a ** 0.7 i ** 4 n ** 12 root = 1.2577037059820e+02
se * 500. a ** 0.7 i ** 4 n ** 13 root = 1.3527591394253e+02
se * 500. a ** 0.7 i ** 4 n ** 14 root = 1.44698940194930e+02
se * 500. a ** 0.7 i ** 4 n ** 15 root = 1.57163087694177e+02
se * 500. a ** 0.7 i ** 4 n ** 16 root = 1.6763211373294e+02
se * 500. a ** 0.7 i ** 4 n ** 17 root = 1.7809714756391e+02
se * 500. a ** 0.7 i ** 4 n ** 18 root = 1.8859485778612e+02
se * 500. a ** 0.7 i ** 4 n ** 19 root = 1.9902695660137e+02
se * 500. a ** 0.7 i ** 4 n ** 20 root = 2.0950104400909e+02
se * 500. a ** 0.7 i ** 4 n ** 21 root = 2.198997209149e+02
se * 500. a ** 0.7 i ** 4 n ** 22 root = 2.3043878678335e+02
se * 500. a ** 0.7 i ** 4 n ** 23 root = 2.4083937723015e+02
se * 500. a ** 0.7 i ** 4 n ** 24 root = 2.5137528217851e+02
se * 500. a ** 0.7 i ** 4 n ** 25 root = 2.6184728470232e+02
se * 500. a ** 0.7 i ** 4 n ** 26 root = 2.7231716201485e+02
se * 500. a ** 0.7 i ** 4 n ** 27 root = 2.8278719470361e+02
se * 500. a ** 0.7 i ** 4 n ** 28 root = 2.932578812743e+02
se * 500. a ** 0.7 i ** 4 n ** 29 root = 3.0372763153370e+02
se * 500. a ** 0.7 i ** 4 n ** 30 root = 3.1419806970574e+02

c
c
c

se * 500. a ** 0.7 i ** 5 n ** 1 root = 1.2308603667886e+01
se * 500. a ** 0.7 i ** 5 n ** 2 root = 2.193299415087e+01
se * 500. a ** 0.7 i ** 5 n ** 3 root = 3.2061184463578e+01
se * 500. a ** 0.7 i ** 5 n ** 4 root = 4.2393395726729e+01
se * 500. a ** 0.7 i ** 5 n ** 5 root = 5.2760736950043e+01
se * 500. a ** 0.7 i ** 5 n ** 6 root = 6.3168247701119e+01
se * 500. a ** 0.7 i ** 5 n ** 7 root = 7.3598973775276e+01
se * 500. a ** 0.7 i ** 5 n ** 8 root = 8.4024517062672e+01
se * 500. a ** 0.7 i ** 5 n ** 9 root = 9.446819385946e+01
se * 500. a ** 0.7 i ** 5 n ** 10 root = 1.0491715014194e+02
se * 500. a ** 0.7 i ** 5 n ** 11 root = 1.1537094036829e+02
se * 500. a ** 0.7 i ** 5 n ** 12 root = 1.2582744903974e+02
se * 500. a ** 0.7 i ** 5 n ** 13 root = 1.3638633369984e+02
se * 500. a ** 0.7 i ** 5 n ** 14 root = 1.4674709444639e+02
se * 500. a ** 0.7 i ** 5 n ** 15 root = 1.5709329367974e+02
se * 500. a ** 0.7 i ** 5 n ** 16 root = 1.6762783939174e+02
se * 500. a ** 0.7 i ** 5 n ** 17 root = 1.781374934778e+02
se * 500. a ** 0.7 i ** 5 n ** 18 root = 1.886029446732e+02
se * 500. a ** 0.7 i ** 5 n ** 19 root = 1.9902695660137e+02
se * 500. a ** 0.7 i ** 5 n ** 20 root = 2.0950104400909e+02
se * 500. a ** 0.7 i ** 5 n ** 21 root = 2.2000244200529e+02
se * 500. a ** 0.7 i ** 5 n ** 22 root = 2.3043878678335e+02
se * 500. a ** 0.7 i ** 5 n ** 23 root = 2.4083937723015e+02
se * 500. a ** 0.7 i ** 5 n ** 24 root = 2.5137528217851e+02
se * 500. a ** 0.7 i ** 5 n ** 25 root = 2.6184728470232e+02
se * 500. a ** 0.7 i ** 5 n ** 26 root = 2.7231716201485e+02
se * 500. a ** 0.7 i ** 5 n ** 27 root = 2.8278719470361e+02
se * 500. a ** 0.7 i ** 5 n ** 28 root = 2.932578812743e+02
se * 500. a ** 0.7 i ** 5 n ** 29 root = 3.0372763153370e+02
se * 500. a ** 0.7 i ** 5 n ** 30 root = 3.1419806970574e+02

```

c
c
se = 500. a = 0.7 i = 6 n = 1 root = 1.2970781048302e+01
se = 500. a = 0.7 i = 6 n = 2 root = 2.2313075074480e+01
se = 500. a = 0.7 i = 6 n = 3 root = 3.2348999332841e+01
se = 500. a = 0.7 i = 6 n = 4 root = 4.2591013695757e+01
se = 500. a = 0.7 i = 6 n = 5 root = 5.292929862385e+01
se = 500. a = 0.7 i = 6 n = 6 root = 6.3300777183154e+01
se = 500. a = 0.7 i = 6 n = 7 root = 7.3705248505068e+01
se = 500. a = 0.7 i = 6 n = 8 root = 8.4126460633701e+01
se = 500. a = 0.7 i = 6 n = 9 root = 9.4583884651358e+01
se = 500. a = 0.7 i = 6 n = 10 root = 1.0499917886162e+02
se = 500. a = 0.7 i = 6 n = 11 root = 1.1494521067911e+02
se = 500. a = 0.7 i = 6 n = 12 root = 1.2505555057350e+02
se = 500. a = 0.7 i = 6 n = 13 root = 1.3534821245725e+02
se = 500. a = 0.7 i = 6 n = 14 root = 1.45837946303946e+02
se = 500. a = 0.7 i = 6 n = 15 root = 1.5726394328186e+02
se = 500. a = 0.7 i = 6 n = 16 root = 1.677239237415e+02
se = 500. a = 0.7 i = 6 n = 17 root = 1.7818536118102e+02
se = 500. a = 0.7 i = 6 n = 18 root = 1.889476887432e+02
se = 500. a = 0.7 i = 6 n = 19 root = 1.9911195653081e+02
se = 500. a = 0.7 i = 6 n = 20 root = 2.0957603993615e+02
se = 500. a = 0.7 i = 6 n = 21 root = 2.2004120066944e+02
se = 500. a = 0.7 i = 6 n = 22 root = 2.306066077887e+02
se = 500. a = 0.7 i = 6 n = 23 root = 2.4097329891368e+02
se = 500. a = 0.7 i = 6 n = 24 root = 2.51144068817811e+02
se = 500. a = 0.7 i = 6 n = 25 root = 2.6100793949255e+02
se = 500. a = 0.7 i = 6 n = 26 root = 2.7237466273814e+02
se = 500. a = 0.7 i = 6 n = 27 root = 2.8294875951709e+02
se = 500. a = 0.7 i = 6 n = 28 root = 2.9331094787614e+02
se = 500. a = 0.7 i = 6 n = 29 root = 3.0277939651195e+02
se = 500. a = 0.7 i = 6 n = 30 root = 3.1424809053578e+02

c
c
se = 500. a = 0.7 i = 7 n = 1 root = 1.370160030818e+01
se = 500. a = 0.7 i = 7 n = 2 root = 2.276117524704e+01
se = 500. a = 0.7 i = 7 n = 3 root = 3.2696369506405e+01
se = 500. a = 0.7 i = 7 n = 4 root = 4.26295931230759e+01
se = 500. a = 0.7 i = 7 n = 5 root = 5.311466300740e+01
se = 500. a = 0.7 i = 7 n = 6 root = 6.3456294466303e+01
se = 500. a = 0.7 i = 7 n = 7 root = 7.3840796779376e+01
se = 500. a = 0.7 i = 7 n = 8 root = 8.44254296065631e+01
se = 500. a = 0.7 i = 7 n = 9 root = 9.4694300949324e+01
se = 500. a = 0.7 i = 7 n = 10 root = 1.0509437651671e+02
se = 500. a = 0.7 i = 7 n = 11 root = 1.1533180194991e+02
se = 500. a = 0.7 i = 7 n = 12 root = 1.2587468214172e+02
se = 500. a = 0.7 i = 7 n = 13 root = 1.3642533995754e+02
se = 500. a = 0.7 i = 7 n = 14 root = 1.4687398961895e+02
se = 500. a = 0.7 i = 7 n = 15 root = 1.5732741578121e+02
se = 500. a = 0.7 i = 7 n = 16 root = 1.6778351536832e+02
se = 500. a = 0.7 i = 7 n = 17 root = 1.7824147639420e+02
se = 500. a = 0.7 i = 7 n = 18 root = 1.887009877303e+02
se = 500. a = 0.7 i = 7 n = 19 root = 1.9916181374694e+02
se = 500. a = 0.7 i = 7 n = 20 root = 2.0962375124201e+02
se = 500. a = 0.7 i = 7 n = 21 root = 2.2008669394767e+02
se = 500. a = 0.7 i = 7 n = 22 root = 2.3055038194761e+02
se = 500. a = 0.7 i = 7 n = 23 root = 2.4101479482357e+02
se = 500. a = 0.7 i = 7 n = 24 root = 2.5147988973989e+02
se = 500. a = 0.7 i = 7 n = 25 root = 2.6194971185185e+02
se = 500. a = 0.7 i = 7 n = 26 root = 2.7241157926827e+02
se = 500. a = 0.7 i = 7 n = 27 root = 2.8287681130036e+02
se = 500. a = 0.7 i = 7 n = 28 root = 2.933463891684e+02
se = 500. a = 0.7 i = 7 n = 29 root = 3.0381291410952e+02
se = 500. a = 0.7 i = 7 n = 30 root = 3.1427990184290e+02

```

c
c
c

```
500 .a . 0.7 1. 8 n 1 root = 1.4490120508140e+01
500 .a . 0.7 1. 8 n 2 root = 2.3257014025500e+01
500 .a . 0.7 1. 8 n 3 root = 3.3004350033344e+01
500 .a . 0.7 1. 8 n 4 root = 4.3091111719911e+01
500 .a . 0.7 1. 8 n 5 root = 5.352827112887e+01
500 .a . 0.7 1. 8 n 6 root = 6.3538377028242e+01
500 .a . 0.7 1. 8 n 7 root = 7.35929117639190e+01
500 .a . 0.7 1. 8 n 8 root = 8.4360030462356e+01
500 .a . 0.7 1. 8 n 9 root = 9.4782339494210e+01
500 .a . 0.7 1. 8 n 10 root = 1.0520307279378e+02
500 .a . 0.7 1. 8 n 11 root = 1.195308894978e+02
500 .a . 0.7 1. 8 n 12 root = 1.263855538351e+02
500 .a . 0.7 1. 8 n 13 root = 1.3650628807328e+02
500 .a . 0.7 1. 8 n 14 root = 1.4495136227753e+02
500 .a . 0.7 1. 8 n 15 root = 1.5740004947038e+02
500 .a . 0.7 1. 8 n 16 root = 1.6785161938830e+02
500 .a . 0.7 1. 8 n 17 root = 1.7630739513395e+02
500 .a . 0.7 1. 8 n 18 root = 1.8876194702514e+02
500 .a . 0.7 1. 8 n 19 root = 1.9921919115308e+02
500 .a . 0.7 1. 8 n 20 root = 2.0957828572144e+02
500 .a . 0.7 1. 8 n 21 root = 2.201366689161e+02
500 .a . 0.7 1. 8 n 22 root = 2.3088837761599e+02
500 .a . 0.7 1. 8 n 23 root = 2.4108221034712e+02
500 .a . 0.7 1. 8 n 24 root = 2.5152323986205e+02
500 .a . 0.7 1. 8 n 25 root = 2.619893994612e+02
500 .a . 0.7 1. 8 n 26 root = 2.7245352369951e+02
500 .a . 0.7 1. 8 n 27 root = 2.8291851268110e+02
500 .a . 0.7 1. 8 n 28 root = 2.933838765224e+02
500 .a . 0.7 1. 8 n 29 root = 3.0384930063694e+02
500 .a . 0.7 1. 8 n 30 root = 3.14316284948234e+02
```

c
c
c

```
500 .a . 0.7 1. 9 n 1 root = 1.5328949886167e+01
500 .a . 0.7 1. 9 n 2 root = 2.3812472231371e+01
500 .a . 0.7 1. 9 n 3 root = 3.3391631888226e+01
500 .a . 0.7 1. 9 n 4 root = 4.3388911947893e+01
500 .a . 0.7 1. 9 n 5 root = 5.382654707379e+01
500 .a . 0.7 1. 9 n 6 root = 6.3840147090251e+01
500 .a . 0.7 1. 9 n 7 root = 7.4169936533959e+01
500 .a . 0.7 1. 9 n 8 root = 8.4533357878424e+01
500 .a . 0.7 1. 9 n 9 root = 9.4520028257508e+01
500 .a . 0.7 1. 9 n 10 root = 1.052322767575e+02
500 .a . 0.7 1. 9 n 11 root = 1.1574183534299e+02
500 .a . 0.7 1. 9 n 12 root = 1.2618783649366e+02
500 .a . 0.7 1. 9 n 13 root = 1.3660045042992e+02
500 .a . 0.7 1. 9 n 14 root = 1.470389283307e+02
500 .a . 0.7 1. 9 n 15 root = 1.5749171794018e+02
500 .a . 0.7 1. 9 n 16 root = 1.6795820294741e+02
500 .a . 0.7 1. 9 n 17 root = 1.7837688393008e+02
500 .a . 0.7 1. 9 n 18 root = 1.888285517359e+02
500 .a . 0.7 1. 9 n 19 root = 1.9929372163014e+02
500 .a . 0.7 1. 9 n 20 root = 2.097367828201e+02
500 .a . 0.7 1. 9 n 21 root = 2.201958872333e+02
500 .a . 0.7 1. 9 n 22 root = 2.3068876745734e+02
500 .a . 0.7 1. 9 n 23 root = 2.4111594214123e+02
500 .a . 0.7 1. 9 n 24 root = 2.5157891329107e+02
500 .a . 0.7 1. 9 n 25 root = 2.62078317100501e+02
500 .a . 0.7 1. 9 n 26 root = 2.7250071482573e+02
500 .a . 0.7 1. 9 n 27 root = 2.8293893993088e+02
500 .a . 0.7 1. 9 n 28 root = 2.9342781876159e+02
500 .a . 0.7 1. 9 n 29 root = 3.0388824267579e+02
500 .a . 0.7 1. 9 n 30 root = 3.1435718883597e+02
```



```

c
c
500 a= 0.7 i= 10 n= 1 root = 1.6203891519175e+01
500 a= 0.7 i= 10 n= 2 root = 2.439492926713e+01
500 a= 0.7 i= 10 n= 3 root = 3.3916834157701e+01
500 a= 0.7 i= 10 n= 4 root = 4.3716577078162e+01
500 a= 0.7 i= 10 n= 5 root = 5.3832956666904e+01
500 a= 0.7 i= 10 n= 6 root = 6.4063999336374e+01
500 a= 0.7 i= 10 n= 7 root = 7.4301407251347e+01
500 a= 0.7 i= 10 n= 8 root = 8.4701391104133e+01
500 a= 0.7 i= 10 n= 9 root = 9.5071212815732e+01
500 a= 0.7 i= 10 n= 10 root = 1.0746179339051e+02
500 a= 0.7 i= 10 n= 11 root = 1.1988201430933e+02
500 a= 0.7 i= 10 n= 12 root = 1.2628000046748e+02
500 a= 0.7 i= 10 n= 13 root = 1.3670500242953e+02
500 a= 0.7 i= 10 n= 14 root = 1.4713556911332e+02
500 a= 0.7 i= 10 n= 15 root = 1.5757241320753e+02
500 a= 0.7 i= 10 n= 16 root = 1.6801326149711e+02
500 a= 0.7 i= 10 n= 17 root = 1.7845772748461e+02
500 a= 0.7 i= 10 n= 18 root = 1.8890523514790e+02
500 a= 0.7 i= 10 n= 19 root = 1.9935399128289e+02
500 a= 0.7 i= 10 n= 20 root = 2.0980379335123e+02
500 a= 0.7 i= 10 n= 21 root = 2.20253183801767e+02
500 a= 0.7 i= 10 n= 22 root = 2.3071760917477e+02
500 a= 0.7 i= 10 n= 23 root = 2.4117478944999e+02
500 a= 0.7 i= 10 n= 24 root = 2.5163310495303e+02
500 a= 0.7 i= 10 n= 25 root = 2.6209226514935e+02
500 a= 0.7 i= 10 n= 26 root = 2.7255313949341e+02
500 a= 0.7 i= 10 n= 27 root = 2.8301443227698e+02
500 a= 0.7 i= 10 n= 28 root = 2.9347650334168e+02
500 a= 0.7 i= 10 n= 29 root = 3.039385007739e+02
500 a= 0.7 i= 10 n= 30 root = 3.1440261131875e+02

c
c
500 a= 0.7 i= 11 n= 1 root = 1.7113953807181e+01
500 a= 0.7 i= 11 n= 2 root = 2.50701256507171e+01
500 a= 0.7 i= 11 n= 3 root = 3.4276900469124e+01
500 a= 0.7 i= 11 n= 4 root = 4.40769260124e+01
500 a= 0.7 i= 11 n= 5 root = 5.4124282781029e+01
500 a= 0.7 i= 11 n= 6 root = 6.4306537880478e+01
500 a= 0.7 i= 11 n= 7 root = 7.4572303940124e+01
500 a= 0.7 i= 11 n= 8 root = 8.487292632525e+01
500 a= 0.7 i= 11 n= 9 root = 9.5239401006079e+01
500 a= 0.7 i= 11 n= 10 root = 1.0560376394953e+02
500 a= 0.7 i= 11 n= 11 root = 1.159107882534e+02
500 a= 0.7 i= 11 n= 12 root = 1.2640519893347e+02
500 a= 0.7 i= 11 n= 13 root = 1.3691592128925e+02
500 a= 0.7 i= 11 n= 14 root = 1.4742747834685e+02
500 a= 0.7 i= 11 n= 15 root = 1.5767812086224e+02
500 a= 0.7 i= 11 n= 16 root = 1.6810677596939e+02
500 a= 0.7 i= 11 n= 17 root = 1.7864900514584e+02
500 a= 0.7 i= 11 n= 18 root = 1.89389471145651e+02
500 a= 0.7 i= 11 n= 19 root = 1.99343e1567180e+02
500 a= 0.7 i= 11 n= 20 root = 2.09522749375e+02
500 a= 0.7 i= 11 n= 21 root = 2.20331175395e+02
500 a= 0.7 i= 11 n= 22 root = 2.3078571428837e+02
500 a= 0.7 i= 11 n= 23 root = 2.412968910094e+02
500 a= 0.7 i= 11 n= 24 root = 2.518635338278e+02
500 a= 0.7 i= 11 n= 25 root = 2.621526392181e+02
500 a= 0.7 i= 11 n= 26 root = 2.7261078940241e+02
500 a= 0.7 i= 11 n= 27 root = 2.8306666138089e+02
500 a= 0.7 i= 11 n= 28 root = 2.9353004638905e+02
500 a= 0.7 i= 11 n= 29 root = 3.036028017452e+02
500 a= 0.7 i= 11 n= 30 root = 3.1442528100735e+02

```

```

c
c
** 500. a * 0.7 i = 12 n = 1      root = 1.8051894146995+0i
** 500. a * 0.7 i = 12 n = 2      root = 2.5700037251115+0i
** 500. a * 0.7 i = 12 n = 3      root = 3.4776133041146+0i
** 500. a * 0.7 i = 12 n = 4      root = 4.4462636017446+0i
** 500. a * 0.7 i = 12 n = 5      root = 5.4444326946329+0i
** 500. a * 0.7 i = 12 n = 6      root = 6.4674723300305+0i
** 500. a * 0.7 i = 12 n = 7      root = 7.4802151888663+0i
** 500. a * 0.7 i = 12 n = 8      root = 8.508808870762+0i
** 500. a * 0.7 i = 12 n = 9      root = 9.54122336953+0i
** 500. a * 0.7 i = 12 n = 10     root = 1.0577197297120+0E
** 500. a * 0.7 i = 12 n = 11     root = 1.1614890366999+0E
** 500. a * 0.7 i = 12 n = 12     root = 1.2654777261615+0E
** 500. a * 0.7 i = 12 n = 13     root = 1.3694518198112+0E
** 500. a * 0.7 i = 12 n = 14     root = 1.4735918426375+0E
** 500. a * 0.7 i = 12 n = 15     root = 1.5778084405775+0E
** 500. a * 0.7 i = 12 n = 16     root = 1.6820873119397+0E
** 500. a * 0.7 i = 12 n = 17     root = 1.7864180008053+0E
** 500. a * 0.7 i = 12 n = 18     root = 1.8907916320359+0E
** 500. a * 0.7 i = 12 n = 19     root = 1.995216332735+0E
** 500. a * 0.7 i = 12 n = 20     root = 2.099694442436+0E
** 500. a * 0.7 i = 12 n = 21     root = 2.2041097269663+0E
** 500. a * 0.7 i = 12 n = 22     root = 2.308566879302+0E
** 500. a * 0.7 i = 12 n = 23     root = 2.413109695197+0E
** 500. a * 0.7 i = 12 n = 24     root = 2.5176374493911+0E
** 500. a * 0.7 i = 12 n = 25     root = 2.622182265315+0E
** 500. a * 0.7 i = 12 n = 26     root = 2.7267367017680+0E
** 500. a * 0.7 i = 12 n = 27     root = 2.831305190772+0E
** 500. a * 0.7 i = 12 n = 28     root = 2.935894634021+0E
** 500. a * 0.7 i = 12 n = 29     root = 3.040475066715+0E
** 500. a * 0.7 i = 12 n = 30     root = 3.1450710563931+0E

c
c
** 500. a * 0.7 i = 13 n = 1      root = 1.9012319479099+0i
** 500. a * 0.7 i = 13 n = 2      root = 2.641822267795+0i
** 500. a * 0.7 i = 13 n = 3      root = 3.5307209411950+0i
** 500. a * 0.7 i = 13 n = 4      root = 4.4879007400162+0i
** 500. a * 0.7 i = 13 n = 5      root = 5.478778249401+0i
** 500. a * 0.7 i = 13 n = 6      root = 6.4861920756760+0i
** 500. a * 0.7 i = 13 n = 7      root = 7.5050172022212+0i
** 500. a * 0.7 i = 13 n = 8      root = 8.530711267329+0i
** 500. a * 0.7 i = 13 n = 9      root = 9.561061287780+0i
** 500. a * 0.7 i = 13 n = 10     root = 1.059474683203+0E
** 500. a * 0.7 i = 13 n = 11     root = 1.163089490767+0E
** 500. a * 0.7 i = 13 n = 12     root = 1.266874877878+0E
** 500. a * 0.7 i = 13 n = 13     root = 1.3708075743942+0E
** 500. a * 0.7 i = 13 n = 14     root = 1.4748916376228+0E
** 500. a * 0.7 i = 13 n = 15     root = 1.578935950005+0E
** 500. a * 0.7 i = 13 n = 16     root = 1.6831912263174+0E
** 500. a * 0.7 i = 13 n = 17     root = 1.787574381375+0E
** 500. a * 0.7 i = 13 n = 18     root = 1.89177360534+0E
** 500. a * 0.7 i = 13 n = 19     root = 1.9958152339553+0E
** 500. a * 0.7 i = 13 n = 20     root = 2.100268610440+0E
** 500. a * 0.7 i = 13 n = 21     root = 2.204922296104+0E
** 500. a * 0.7 i = 13 n = 22     root = 2.30940471882+0E
** 500. a * 0.7 i = 13 n = 23     root = 2.41387820704+0E
** 500. a * 0.7 i = 13 n = 24     root = 2.51833606303+0E
** 500. a * 0.7 i = 13 n = 25     root = 2.62268949255+0E
** 500. a * 0.7 i = 13 n = 26     root = 2.727417739575+0E
** 500. a * 0.7 i = 13 n = 27     root = 2.831981092531+0E
** 500. a * 0.7 i = 13 n = 28     root = 2.936517004005+0E
** 500. a * 0.7 i = 13 n = 29     root = 3.0408941911416+0E
** 500. a * 0.7 i = 13 n = 30     root = 3.1452661529112+0E

```

c
c

500 .a . 0.7 1 14 n 1
500 .a . 0.7 1 14 n 2
500 .a . 0.7 1 14 n 3
500 .a . 0.7 1 14 n 4
500 .a . 0.7 1 14 n 5
500 .a . 0.7 1 14 n 6
500 .a . 0.7 1 14 n 7
500 .a . 0.7 1 14 n 8
500 .a . 0.7 1 14 n 9
500 .a . 0.7 1 14 n 10
500 .a . 0.7 1 14 n 11
500 .a . 0.7 1 14 n 12
500 .a . 0.7 1 14 n 13
500 .a . 0.7 1 14 n 14
500 .a . 0.7 1 14 n 15
500 .a . 0.7 1 14 n 16
500 .a . 0.7 1 14 n 17
500 .a . 0.7 1 14 n 18
500 .a . 0.7 1 14 n 19
500 .a . 0.7 1 14 n 20
500 .a . 0.7 1 14 n 21
500 .a . 0.7 1 14 n 22
500 .a . 0.7 1 14 n 23
500 .a . 0.7 1 14 n 24
500 .a . 0.7 1 14 n 25
500 .a . 0.7 1 14 n 26
500 .a . 0.7 1 14 n 27
500 .a . 0.7 1 14 n 28
500 .a . 0.7 1 14 n 29
500 .a . 0.7 1 14 n 30

root = 1.9991936739087e+01
root = 2.7168891357020e+01
root = 3.9570087774185e+01
root = 4.5323310041596e+01
root = 5.5149179422765e+01
root = 6.5168850133790e+01
root = 7.5316396334962e+01
root = 8.5991442801795e+01
root = 9.9919871420287e+01
root = 1.0613615267705e+02
root = 1.1848023208233e+02
root = 1.2694930666997e+02
root = 1.3729361638278e+02
root = 1.4762074038148e+02
root = 1.624322504775e+02
root = 1.7886761876042e+02
root = 1.8829306379989e+02
root = 1.9971341621050e+02
root = 2.1014769114953e+02
root = 2.205959006620e+02
root = 2.310270291630e+02
root = 2.4144707522697e+02
root = 2.5191691710180e+02
root = 2.623650671179e+02
root = 2.7281510119495e+02
root = 2.8328572958885e+02
root = 2.9371980357935e+02
root = 3.041448276268e+02
root = 3.1462973046969e+02

c
c

500 .a . 0.7 1 15 n 1
500 .a . 0.7 1 15 n 2
500 .a . 0.7 1 15 n 3
500 .a . 0.7 1 15 n 4
500 .a . 0.7 1 15 n 5
500 .a . 0.7 1 15 n 6
500 .a . 0.7 1 15 n 7
500 .a . 0.7 1 15 n 8
500 .a . 0.7 1 15 n 9
500 .a . 0.7 1 15 n 10
500 .a . 0.7 1 15 n 11
500 .a . 0.7 1 15 n 12
500 .a . 0.7 1 15 n 13
500 .a . 0.7 1 15 n 14
500 .a . 0.7 1 15 n 15
500 .a . 0.7 1 15 n 16
500 .a . 0.7 1 15 n 17
500 .a . 0.7 1 15 n 18
500 .a . 0.7 1 15 n 19
500 .a . 0.7 1 15 n 20
500 .a . 0.7 1 15 n 21
500 .a . 0.7 1 15 n 22
500 .a . 0.7 1 15 n 23
500 .a . 0.7 1 15 n 24
500 .a . 0.7 1 15 n 25
500 .a . 0.7 1 15 n 26
500 .a . 0.7 1 15 n 27
500 .a . 0.7 1 15 n 28
500 .a . 0.7 1 15 n 29
500 .a . 0.7 1 15 n 30

root = 2.0987167730839e+01
root = 2.7942322770713e+01
root = 3.8465171028233e+01
root = 4.5791771265778e+01
root = 5.9533046503995e+01
root = 6.9468237404265e+01
root = 7.9600941197150e+01
root = 8.5791774110914e+01
root = 9.6924337445267e+01
root = 1.0633799982078e+02
root = 1.169941321670e+02
root = 1.2701415046389e+02
root = 1.3788733436935e+02
root = 1.4778989882957e+02
root = 1.5819076200347e+02
root = 1.692651944130e+02
root = 1.7897741038033e+02
root = 1.8939827943385e+02
root = 1.9982701691159e+02
root = 2.1024982078510e+02
root = 2.2068307991841e+02
root = 2.311197826181e+02
root = 2.4159252940297e+02
root = 2.5200197424020e+02
root = 2.6244676710252e+02
root = 2.728199436371e+02
root = 2.8332379428034e+02
root = 2.9379279830689e+02
root = 3.042468339498e+02
root = 3.148783394078e+02

chars: 0

pages: 107

setcats: 1

lines: 1035

vectors: 4

points: 0

macro names: 0

macro words: 0