B-2

****

X= -43 D= -77200

A= (-140116460035072734270270054419945930713563 , 134945069539240970740240556092357542624 ,
B= (21414703322109295275600322769061405711434011964291335251205446 , -3006516560969760075272590541062227567385604577160904096920
)

J-INVARIANT

J= (6841400726152953627464123139289257790374971444209007501901760967/9845315752009056881226407690411016055170302721602572945Se ,
-3300966317606550524986007436509012700055010560229205146825520507/2097990757021756705405557424540727460761117004135135a64675020

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT G=(U,V). HERE IS

U= (2513476572096641226755 , 103292750352496752)
V= (7536370245300460040710470355090 , 5537560107059142561073912352)

****

****

N= 71 2   D= -76762

A= (-30654707041529552160471450642706000514090023003 , 35907063501349776242153650770020540702755640)
B= (19042090355267275100008195516241621601255340242553304027004752095053243766 , -36540009290753040611591027790073547040640641077565793:03580005724096)

J-INVARIANT
....

J= (7345657257752271930761003471707755755460049209070966030506566976091696172 -20264108544031042552769770092641592525408355117192905404501443050 24 , 0060946794717600344011130020241765063490433664730903027335007469065575031657235926135604057150672054054590163152000174295501400642020925503 36)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z

A GENERATOR OF THE TORSION GROUP IS THE POINT (U,V), WHERE IS

U= (1201675670045010121501 15 , 60266141720243925104)
V= (1059419650047041240517742045156505 2 , 6609115712610540092601515006 7136)

NU P-VALUES
....

P	NU P	TYPE OF DECOMPOSITION
5	1	1

****

```
*****************************************************************************************************************************************

S= -20              D= -327

A= ( -10063320417357775629060 , 4406320537927377 6632 )
B= ( 2737107501370273151233792333 1264 , -1090006010096209295300402 7054976 )


J-INVARIANT
-----------

J= ( 3499150917746135206094603770071/27201040629054720633550520 , -5668306496096170619613600529 9/33406345261046606517 0452 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WERE IS

U= ( 318300452950 , 302566914 )
V= ( 2020970077035616 , 1679490066714112 )

*****************************************************************************************************************************************
```

****

B= -41/2 D= -120250

A= (-1142030006007207505630966200704071450534043 , 2194355347527090020090006011407032156905б)
B= (1227262900029411141441736539096569019229130407600914780575376400б , -4561905291117117005630410200401940001955952016074120923137 92
)

J-INVARIANT

J= (2561241121782717200702299706716012650507001510095517502104002413/907030682972525020093701422665702942751045009420921200102 0 ,
-1555055570013111656204032120944101590063109902201450445405944755 03/1252034102995054074755320135750407450755905200600553170359500 0)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT P=(U,V), WHERE IS

U= (3020779006902000160355 , 100220103910226200)
V= (2756457302000747142205255111 7952 , 92677404913690704159434 24192)

****

****

R= -13 D= -55

A= (-19210360961553065224177529244 3 , 4119524927210515000965101 7664)
B= (430733410276296070106052116733462157010 1606 , -11044400721060137944316111200330967100029240)

J-INVARIANT

J= (2720001545000040196000640203032577747374550003 7/976290502772500446956643720926013770503 56 , -354465015005520606112172906446102 01710603150 7/957515773600000053726323640370520090 10560)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (6463000015017 95 , 215502733 90432)
V= (12970126160172154055000 , 146112 974690900095 34272)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

B-7

****

T= -11/2   D= -1210

A= (35920300050604662753050083?0917 , 662300041462402754416303206)
B= (106200222500593050005056001035272547677710006 , -162230065567404031110227471752045553407152)

J-INVARIANT
....

J= (2210036370039660610174139605000716570010417/100512375173354302012622355292041650176 , 512596093390615702172009547590953666?510
/20375660040564426455997609716574427545 6)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (412412333007155 , -1956754000352)
V= (932745129952522047563 52 , 0104400635092903072)

MU-P-VALUES
....

P	MU-P	TYPE OF DECOMPOSITION
7	1/2	A

****

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****************************************************************************************************************

R= 5                 D= 14

A= ( -17206830240650371031 , 46227741753330067160 )
B= ( 59160976147508205067170401142 , -1046621111937064609190652617 6 )

J-INVARIANT
...........

J= ( -3460050795570000594062996355/13921713000000000000 , 761446403709062010063093907/41765139000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1717197699 , -4567490072 )
V= ( 2543535740000 , -6263087500000 )

MU-P-VALUES
...........

  P            MU-P        TYPE OF DECOMPOSITION

  5            1                  I
  7            1/2                0

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**************************************************************************************************************************************

T= 25/2            D= 32406

A= ( -0045506567155415092459171013335771 , 40053622066539405606574012б144 )
B= ( 1103100511001057741516600162995262224057023526004662 , -474207035432000907515005560077205541694520907968 )

J-INVARIANT
-----------

J= ( 10041506231590557567975403305539505736625130335409953605/42404782159055316504567111718750000000000000000000000 , 71776185060139527
761796657067526635021602091620308449/4767914550306745207084305404537500000000000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1162650000483904979 , -94469690061056 )
V= ( 152359096536043627650000000 , -2021261005701727500000 )

**************************************************************************************************************************************
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****************************************************************************************************
K= 24              D= 889

A= ( -39147639249532262616 , -4167587000200054152 )
B= ( 524054029571121513533049230520 , 9362675161600955712452644416 )

J-INVARIANT
-----------

J= ( 57204605356992006390106577637/130001059660624120000000 , 39077515007318720111416762451/26744000014044092000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 7413532206 , -144002118 )
V= ( 550907192200000 , -37031320064000 )

****************************************************************************************************
K= 49/2
****************************************************************************************************

K= 49/2             D= 242022

A= ( -20070000294013582325529970952562009963163 , -127400005074343221425000199725338615424 )
B= ( 5700000861774121547094910406517564610169027611217790763627444 , 71420625110267252913256010194007705536[illegible]905470901357339528 )

J-INVARIANT
-----------

J= ( 146111022075130159070053005773500034003305920131005420950406521010/2000990577430017600315715042002207927321063902039476005416
32 , 1009466[illegible]5010702947291653017371230967095505904605319421031/9014716530000040502900954371695154500105055024603331907753346
 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 167162531100577056095 , -100640200471792672 )
V= ( 1037546175730254594195000300352 , -7573095122116003053501759160 )

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```

(-)

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************************************************************************************************************************

K= -50              D= -30521

A= ( -2049276257701482773580469355230520201 , 3591630275065112109271710550045392 )
B= ( 57592630121504245516760705000302451635271473973572622 , -10471132902562045005422634506117664742479507004402264 )

J-INVARIANT
-----------

J= ( 96360071512350471026570535692113590525033306962751293/1220621056159536605137692950116531372070312500 , -32262500150670279461954410726610064356795534407625132641/40512365256000462205459246092730542205156250000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 350559715000613519 , 1074059790071172 )
V= ( 29150000259000965004375000 , 350565441330521704375000 )

MU-P-VALUES
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  P            MU-P      TYPE OF DECOMPOSITION

  3            1              0

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I-2

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************************************************************************************************************

I= -05/2            D= -1195654

A= ( -10991061263000000055057071872515926060621916251771 , 6470021950435001901447564430275026773423555264 )
B= ( 00249043100734356906507077509065477561500052246347033755106677060094732642 , -3567155950345450424059011911474002649000163400379
53461734171682396600 )

J-INVARIANT
-----------

J= ( 36242555706533741015010642035327200002553211795745951401364051816425254741601/55375565244075010315004240521290927777602175424554
6742400000000000000000 , -6053404200133504259400725670560550779702140940563647077446216262660265337031/1505064446445842096072465615207
945157120672905333109001344000000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V)  WHERE IS

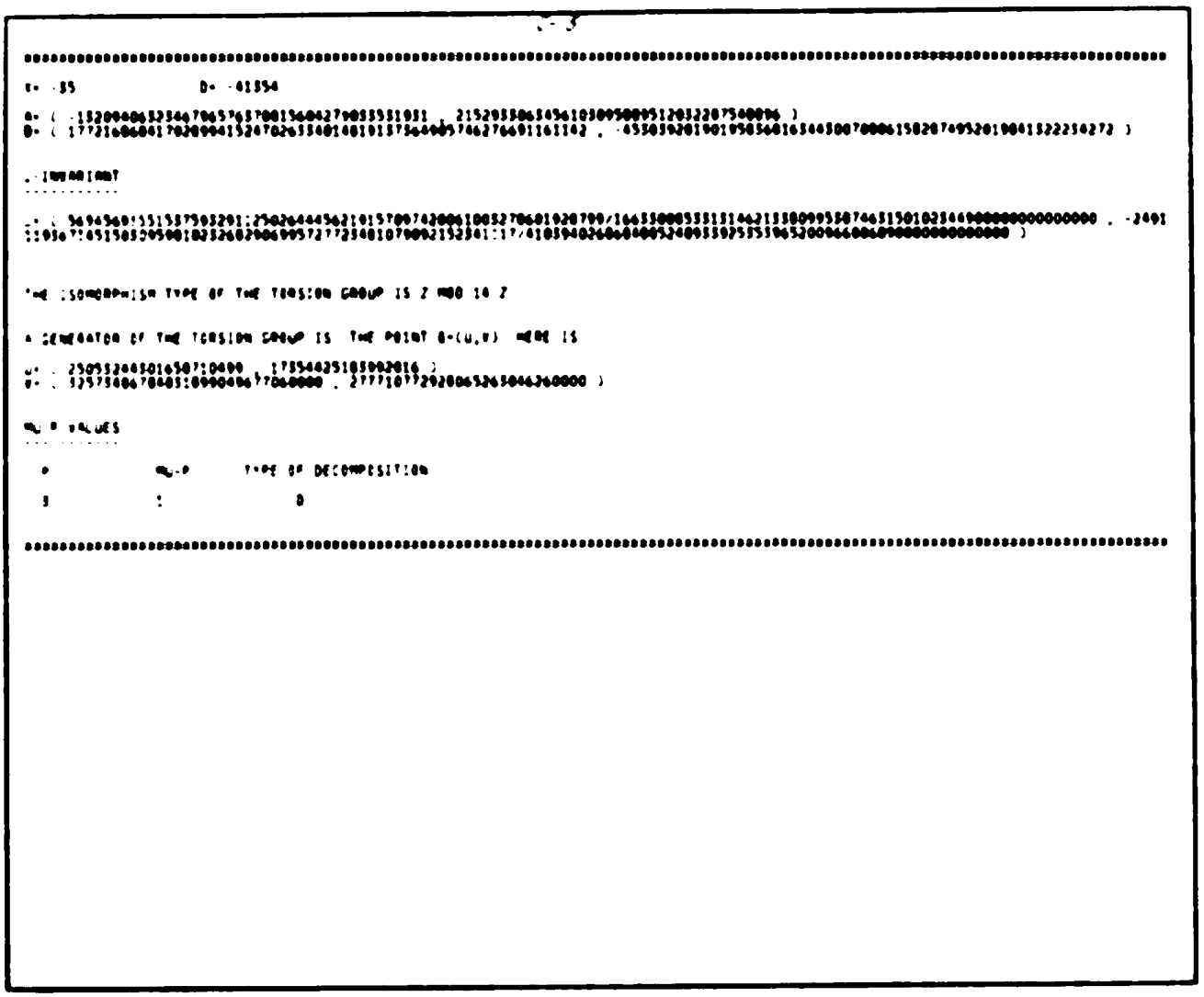
U= ( 9023600550046149660910579 , 955524253360433409664 )
V= ( 1651605276276403312300290690235440000 , 295563426400439447265530310360000 )

MU-P VALUE
----------

  P          MU-P      TYPE OF DECOMPOSITION

  3          1               0

************************************************************************************************************
```



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************************************************************************************************************

E= -35                D= -41354

A= ( -13200006323467065765700156042790533531031 , 21529330634561030950005120322075600096 )
B= ( 1772160600170209941520702633601401013756400574627669116110 , -655039201901950560163443007000615020749520190041322234272 )

J-INVARIANT
-----------

J= ( 56945601551557503201:250264445621015700742006100327060192079/16653000553131462133009953074631501023469000000000000000 , -2491
1:1056?1451505205001023260290699572772340107909215234131?/41085940260604005240933925353965200966006000000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V)  WHERE IS

U= ( 2505324430165071040 , 175544251050020 16 )
V= ( 1257540670403109904067060000 . 277710772920065263046260000 )

MU P VALUES
--- -------

  P            MU-P        TYPE OF DECOMPOSITION

  3             1                 0

************************************************************************************************************
```

```
a= -55/2            D= -316074

A= ( -9057463206415174396335404654026310067609453371 , 7337353260607012051117761271500905406150 4 )
B= ( 306134097627007695056395464317012942455054252335019433702501972146 2 , -806629161733657592044100550245301016016561156052720949 3
27252200 )

J-INVARIANT
-----------

J= ( 007271713999537150256903475355202074964968152314305707193015000502 51/761026371265303754469402003291449215625 5604079360000000 0
000000 , -69079050374107034503445520501647076456145052350076066275 7406432605 91/143390123611069175444470017452007001115102017 30995
20000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 710751299155716300 4579 , 222642536061111 43904 )
V= ( 222503695247000957359305609000000 , 5057040101647935065425131 60000 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                D
```

```
****************************************************************************************************

R= -20              S= -29

A= ( -55035739055514171 , 71431570260054136 )
B= ( 30149019477370920659904362 , 07659153140009553500917592 )

J-INVARIANT
-----------

J= ( 2101917741005046024626276 7/07431003417960750000 , -3720379934733700105131957/5245900205070125000 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 211900129 , 0097536 )
V= ( 1657561452500 , 5637509952500 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  5            1              D

****************************************************************************************************
```

****

R= -25/2 D= -26094

A= (-127100500290064124423164305021154477771 , 133414600304530353105305092471175744)
B= (-2350090051655710147470075455007495036966251042120195 34 , -0255122559010733261074520031106500303072020?202047160)

J-INVARIANT

J= (1070555905005160653959234060205936396905000260004143629/4675141572150066072940929687500000000000000000000000 , -6769672527141420871472211464513236490097000500942085 7/520550000439615501330406991009375000000000000000000000)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1776630529425330079 , 2623916562003744)
V= (192099002177730012476500000000 , 9235005402279516475000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D
7	1/2	R

****

C-7

```
*************************************************************************************************************

E= -5                 D= -11

A= ( 32813628632100170126O , 16646955163506516052 )
B= ( 7621121561230629660063366447542 , -55507559279907650756514310982 4 )

J-INVARIANT
-----------

J= ( 5936331201770009570440776540509/153306045074010000000000000000 , 409796032946161533799196446301/69020000283664500000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 332923992 99 , -10032377 20 )
V= ( 6943623479446 0000 , -20406733 5000000 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                0

*************************************************************************************************************
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```
****************************************************************************************************************

R= 11/2              D= 2690

A= ( -824192667129530204114251645 , 1506741955460707362601036O )
B= ( 120900643063960102706337751902015056725S4 , -2001767709999450063049016712557213160OO )

J-INVARIANT
-----------

J= ( -63520521511151451659019017709012074331369047/10155006082346614455070400252407054464 , 63337415527260510923176500620047165703Z
601/4963093212204350100013696603601716O5O4 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 120602262240243 , -2317764273G0 )
V= ( 364426713013721906O , -70210439509611456 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                 B

****************************************************************************************************************
```

```
N= 13            D= 2278

A= ( -0693274490087670122664022O3 , 152791347524009579790O472 )
B= ( 0000460166651705634774293134144000704054 , -157154163455600206070570105910779432OO )

J-INVARIANT
-----------

J= ( 12047462000440306056575901760000905403767 21/35563954075779591023761390009520696O5240 , 151574031929354057506654900657295962001
269/1063340042742007593532154330729408716O9344 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 5459160100643 , -1559717600O0 )
V= ( 15070575417136123000 , -7401690209767520 64 )

MU-P-VALUES
-----------

  P          MU-P       TYPE OF DECOMPOSITION

  3          1               0
```

```
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

K= 25              D= 16066

A= ( -2241046740012045709502027721140731 , -40771704106616550352040450200064 )
B= ( 1015190430620202020279101260401050625400100935547542 , 9670030555906202515206750350507010105020907121240 )

J-INVARIANT
...........

J= ( 01714360030094434893505622107113050951505116703180603/11025025315557007500410504150390625000000000000000 , 54045462261041033455
0013091040060696429645335624405021/1107077150405561255535079503062504607500000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 53243103474243690 , -220470333332944 )
V= ( 10137907205067236162500000 . -163019623369135037500000 )

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
K= 51/2
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

K= 51/2            D= 272600

A= ( -6659252552534440565247w659061360009910523 , -337601320905713443670052005550600517312 )
B= ( 26460976395269930631063350321104076556234476041307007490355094 . 3751027065022600913690607421373194231400355500164096091200
)

J-INVARIANT
...........

J= ( 663711151426250053113210951076074750272723254637099031527205000073/0004040053003299100768252552065055600055774505430712307330
34 . 31547400527562068729911011505090013197070504790434171700056701161/245071563030120000773597114037061417723124274133194130712420
506 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 202000422231227021208 , -205711190673950530 )
V= ( 3010022230617504532056064711552 . -14040975921227302002100336704 )

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
```

****

R= -99/2 D= -1004002

A= (-6359766467479069542365532190358203083266463772072 , 9735410697397904624680995237146924630762071000)
B= (1919714510656622237451062226019047375400450291450743412364590979444309993494 , -4490773610002451701500614258777910650276959600
2020470524957741410540000)

J-INVARIANT

J= (4953007954198250271956537200693270620141024460652042070946079404409603531092911/6165706753370969970553621691465025501907560726454
50042037100634530151960 , -160132306010661506477613647006345092790754393700352207794005176640054602070430/212246669327460677007767
7206305797291527171600004146012827900043700690044)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (5066041651616150192907608 , 3601915326097150314000)
V= (1716069206223950007499373532497508552 , 2670542566045090553062730440312096)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

J-2

```
****************************************************************************************************

I= -42              D= -17993

A= ( -5140757667127009129970606205461763 , 1001043065763260754023079440335 )
B= ( 13825515530656355534627207605910226314017205071217 , -0155707490569682057287056100833701335502523454000 )

J-INVARIANT
-----------

J= ( 1406665322560401757762617500314007950795540042676 7057/2155264001570013201511202561567400767507492 16 , -760057675019599960 95053
35661400053346912772036655 27/25620501460094127510514001413346910616151657344 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 47073695140933343 , 41112620157460 )
V= ( 2005130350502220111106952 , 2901607541956130315640 0 )

MU-P-VALUES
-----------

  P          MU-P       TYPE OF DECOMPOSITION

  3          1                0

****************************************************************************************************
```

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****************************************************************************************************************************

E= -6972            D= -633302

A= ( -159400096201636549065614267471691736601705070603 , 676000223113506190606591359656730365305777720 )
B= ( 74227766022245632712926990101510314371710077103127640075507540022750614 , -4950920594950050509061465025643564052979319810906204
49096909412000 )

J-INVARIANT
............

J= ( 27015031060536344401384020952009160534501367496670930214520558102000021641/03607075290143779327454201502057692020760646774451:0
9690671300600 , -202634937107440874905065054635471963200056255503540590320474590600500119/19930030504401621246744470522030546997065
0350270269425114779577403264 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 074460563000400450230325 , 156956175590015206160 )
V= ( 6061037510361027553245226102564902 , 14014035120034001222957320701376 )

MU-P-VALUES
............

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               0

****************************************************************************************************************************
```

```
************************************************************************************************************************

T= -27                D= -10722

A= ( -3554520920315040299395003560066540443 , 121406197019002769041620945050817312 )
B= ( 2371700075661050626200975520721448591797004209371020534 , -133465001017706253010001490085095753335534659930711200 )


J-INVARIANT
...........

J= ( 5954087669452232014705050096042209275074460332510004221550/550501490048737905371966766840776372007424055320000192 , -150016605053
9453703403995074505060034004506553431370771611/7260650560042616024113509770950542092203951060967424 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WHERE IS

U= ( 1436375970561573123 , 1057390616633200 )
V= ( 6440014056413502636716847640 , 6009207555409644605005456 )

MU-P-VALUES
...........

  P            MU-P      TYPE OF DECOMPOSITION

  3            1                D

************************************************************************************************************************
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****************************************************************************************************************************

T= -39/2            D= -100002

A= ( -36665001359000428573430079000492094102254043 , 0197911544200076905556220480766506796 8 )
B= ( 21563600520165111663356094434677397175796020642500106053351335 4 , -92529201156176971326371013991116241446150063722159701 96000 )

J-INVARIANT
...........

J= ( 076441201290469505611950246420912900239174303058257352267305 79/3907005200051020067509216070351420024521575655926070 0352 , -734
630720307052610763356476346415000453292500750900006417993/7649011076462966018611447410307210750625550629003911 29000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 170160066055675267043 , 1176203050""5711040 )
V= ( 1312922697912727026056090325632 , 4595091015005799752920070656 )

RHO-P-VALUES
...........

  P           RHO-P      TYPE OF DECOMPOSITION

  3           1               B
  7           1/2             A

****************************************************************************************************************************
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****

R= -12 D= -23

A= (-6315003100560 , 2535133615256)
B= (-17204170519650480304 , -3900301774050702400)

J-INVARIANT

J= (24912038102399 5167/13370044350296 , -7609524141313247/2229007393216)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WHERE IS

U= (4273062 , 214500)
V= (7356990016 , 1159214976)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

D-7

```
**********************************************************************************************************************

X= -9/2                 D= -302

A= ( 47002057061013942030724419? , -16134791100212937651193792 )
B= ( -341126400653251263272480071109940007103?6 , -19674005579750399413690976442254304?000 )

J-INVARIANT
-----------

J= ( 1107702945658071503527272200514300275741?07/556446225010472515204616425126336?216 , 64299115111566449972625037790089979070721/5
255325444104112951065021792059040?04 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 334644430017?3 , -490051590000 )
V= ( 2254993000417094150272 , -50520395131562?3264 )

MU-P-VALUES
-----------

  P           MU-P      TYPE OF DECOMPOSITION

  3           1               D

**********************************************************************************************************************
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**************************************************************************************************************************************

R= 6                 D= 55

A= ( -6505362124067 , 007934741102 )
B= ( 92335702413266 78094 , -124505414094160 7416 )

J-INVARIANT
-----------

J= ( -3050135526566 7776087/6494260 99116000 . 56046061 45709376 0225/299617932 7440000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1100063 , -140236 )
V= ( 109919000 , -25701624 )

MW-P-VALUES
-----------

  P           MW-P       TYPE OF DECOMPOSITION

  3           1                  0

**************************************************************************************************************************************
```

K= 27/2   D= 40010

A= (-4036716300435070010705667601016027 , -9664906752000264540003463407736)
B= (3605540109913963162472057547725510022757945316290014 , -13474115323499414293041457300220926019600764094272)

J-INVARIANT

J= (51765000490400252077400523612515123711960116252510959 9/10411110006919543949396337107559957002023844495360000 , 2224940631660791
56919797474001040563194094050006074015 3/09747090270564390452591652512007404595277706035 20000)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WERE IS

U= (40006203616670643 , -2601096440540182)
V= (1056156324460036233000 53760 , -11170662010375667 7557632)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

```
********************************************************************************************************************************

N= 26                D= 4515

A= ( -41369251150250751621591606? , -155471080345256101922?1040 )
B= ( 1174000231071165039529616050956560?63534 , 1397249276321395487446393192194008240344 )

J-INVARIANT
-----------

J= ( 64300016360573070069160001052437456525 27/0510937301010667070572452349200000 , 249009742491016465000007061010401392 5061/216249
94090270156901714606732000000 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 217523027014 23 , -165629420996 )
V= ( 7006470121671 5055560 , -241600407344 3736696 )

********************************************************************************************************************************
N= 53/2
********************************************************************************************************************************

N= 53/2              D= 305054

A= ( -20114013008255017900671010623615515 0054011 , -0540059103726402510217215364969035 00032 )
B= ( 114691002024520509650166060 2065106695519592758300746110145017 02 , 17709410634342502331 0756492027042959599 74537012060509605 10
4 )

J-INVARIANT
-----------

J= ( 279501016962401040000690400 55012 9406745001929026060 53950139100541003/3113317996479023161460115205205500001707520306956176500000
0000 , 130645305530756424107075000271114610070147406663757307060909 022121/011375377676 4451400096204205555462532346361549617645977 60
000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 4603200503520341 59050 , -420474712202660192 )
V= ( 764695106971025393790106644 0000 , -2062124336450616536 4334424000 )

********************************************************************************************************************************
```

****

X= -60   D= -3100

A= (-2000111764000957255419102538111012102036347 , 11330063536070756670445040019004615909696)
B= (19650100754074002073057239120008246160273051411579461705529964374 , -1135002706306337562057730070046323413691671820601705503 71
01240)

J-INVARIANT

J= (465074470071422900123694760216406247417537907374491744357165590009/5722632925122970601429720490545200007362005911713930649600
0 , -60005249667784665626571470513442094766045025005632007307952910509/33159571249001516412074546573064902345064314130575610560000
)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (1102256442342400602003 , 1951711201957993952)
V= (5590557700639097675463340219040 , 211006060075207635000524721720)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	I

****

E-2

```
********************************************************************************************************************

X= -85/2            D= -44410

A= ( -10900794666251905520027071014719066071731563Z5627 , 130340942000135073156060072913050603326100l920 )
B= ( 4317760905719257147542406075442144520050232647711994334697066731651 73654 , -039028520014495665004247737009045153041715369000l
334752414233309501760 )

J-INVARIANT
-----------

J= ( 1610165285717929405111517761521103553057346074716610710501238381634427002431/25662775090264200016769030078950952735542059729060
7637533360120000000 , -25170720020715996927616616043047719265405240567392517505013517016797426446 47/1477155440505026739784507027037
260562572411127697295039947325440000000 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 690177915206446764192401 , 30052425636540700l440 )
V= ( 1147177345825060076463522365600020000 , 104092024646070510533705005085 44640 )

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E-3

```
********************************************************************************************************************************

T= -34              D= -9065

A= ( -40906609507154332955296566511267 , 1436230045936216509672908173672 )
B= ( 9512096244700591335409747053053469250145056390414 , -53000040072027295996601670430656790647254936 )

J-INVARIANT
-----------

J= ( 4606785097540727142067354757305097617082099019551/1542335699000795100771017712094500440106000 , -21095601479265758027516434273395793553670600426177/2060354600003725313341026109050613766730400000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 4432055104204143 , 65960092272404 )
V= ( 79990037246597424506000 , 1399666062365752000664 )

********************************************************************************************************************************
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****************************************************************************************************************************

N= -33/2            D= -31430

A= ( -39002940142010504090731370639559014550063602 7 , 105461255235906604007221002220137901270542 72 )
B= ( 05769692563000411797173607640903552396003720042064990347049000077 34 , -305050255130013703903795622463731955902025202347706135622
4777536 )


J-INVARIANT
...........

J= ( 49114047115401770650951027514051901931529002592130141506770229000 9/4960759594029704641125345450101925225705409772053669165827 20
00 , -526562519126351592557061730705621613679045502036650422572010501 29/4202165121492622123555590260232224671747466172557291020400
000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 479045591699000191672 3 , 40604100755071900 44 )
V= ( 127692250490056661468527090046000 , 103923777000018503510007013254 4 )

MU-P-VALUES
...........

 P          MU-P      TYPE OF DECOMPOSITION

 5          1              B
 7          1/2            R

****************************************************************************************************************************
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****************************************************************************************************

K= -19              D= -6330

A= ( -121023601452770625070552121454O147 , 1172607571527109545469455O215136 )
B= ( 12650700270706916339553206993756O75201139510442934 , -240000116490751173050927001414023246050064164600 )

J-INVARIANT
-----------

J= ( 216216615007055906270777000950623320362229973214935I9/1121164150073992304602506000650642055167100000O , -3561427007051900045031
0337233920104355605151333524363/1017090903171050564409600654465100305440220352O000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 330525000225467 25 , 92040316140272 )
V= ( 3400430999975100060053200 , 4070476406522530O0605720 )

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```

E-6

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************************************************************************************************************************************

I= -23/2            D= -20090

A= ( -16920000174296674200513673613051602? , 25930212107273206100706309222360064 )
B= ( -1679600379700517007505307660516620002146959000003243706 , -66694521166677240064211705190646727143497112900020672 )

J-INVARIANT
-----------

J= ( 1056762600081136013001604264331322724905612420031410093557/12222717071909101500126742515070776077769652961200000 , -109150120923
99497465656790069576917070501605571275900047/12355573602030629215095511455051900097426714910091200000 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 764016605606063443 , 12734007094108200 )
V= ( 5700428352469722594000120960 , 2070590069542750114303160 )

************************************************************************************************************************************
```

E-7

```
****************************************************************************************************

I= -7/2              D= 214

A= ( -12663366103200004603000731 , -0650159730420049075053632 )
B= ( 1577969900063090006691452631360067277542 , 1070655496153216500679272200032653024 )

J-INVARIANT
-----------

J= ( -1235007571509010906663905432560102575 7/131550106352770010592961331200000 0 , 169912475101200740351476427512009543/20132150132
5601065193500160000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( -16051990078301 , -132361072672 )
V= ( -4290060449260704000 , -30590764502744 0000 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  5            1                  0

****************************************************************************************************
```

E-8

```
****************************************************************************************************************

N= 15/2            D= 4494

A= ( -320650790164495240599038296 91 , 490097224769162323635 31960 )
B= ( 103602413226601606554637465719060390620022 , -154663199590990749173920323090787 2725056 )


J-INVARIANT
-----------

J= ( -3771300977011060506072755320904370077355 0591/120130550520002652261697551101414 4000000 , 22920044596044547131026415949050 3433
19000441/3396247250710074977597900446009964 0000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WERE IS

U= ( 253725604460019 , -3760460 20512 )
V= ( 327692219035331560000 , -495606129106664000 )

****************************************************************************************************************
```

****

X= 14   D= 79

A= (-37002005024500220131 , -9059191461650179 20)
B= (300592254401267590116000809742 , -305903396930532724637365129 04)

J-INVARIANT

J= (3756404245714295147400600292057/5572234070821039505288 75000 , 2078542640265260014294047173673/27292575056037744515700000000)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (4279737999 , -507207900)
V= (361016925463000 , -842979030 51000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

```
**************************************************************************************************************************

X= 27                D= 5053

A= ( -20465299986392730210057300131720203 , -63750637746126076077627055313299Z )
B= ( 34117611932292522090074162977342690122105011275516O6 , 433160003176705902055093324242122253729056906663O4 )

J-INVARIANT
-----------

J= ( 10153005056700479561472614020027052319406540001620524008/99500310605292737000057792701442214006107067120664 , 94146416751741 54
76033007902796667073769563233905144093/65746727332049742640751007210637313553235047116390 4 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1459910009540661315 , -900052344455136 )
V= ( 4005172041467902069069020O , -11950054902150065774O6016 )

**************************************************************************************************************************
X= 55/2
**************************************************************************************************************************

X= 55/2              D= 37954

A= ( -57023305777076411507903646600012325737O971 , -621656265007954190355315540221414O0406040 )
B= ( 4730055023004103931045010490797465424545647045571336531596O6262 , 22990164773147520601002094269165505720640764521559910304010
56 )

J-INVARIANT
-----------

J= ( 15647196613239120871062774601052364917179744403142002607704009164 59/1346563950035499170202550041910243472333031715040000000000
0000 , 50572716924469614007977030030050051312646329121505765503416435140 9/045764500551569430432194007092732104501122022409600000000
000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 759037047016700375779 , -1026127620615641240 )
V= ( 140099629350632625370450106400OO , -15906949000159082593040920000 )

**************************************************************************************************************************
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F-7

```
********************************************************************************************************************************

N= -97/2            D= -1701246

A= ( -39716262511150721242531995061512649699612772600601 , 6440594690753761972942165102670470596057996 8 )
B= ( 9465103959768303306641001695155160105121900555502170350002506026425211 2102 , -2347959534660036757726900322644769110121210643 3
1293674266467959350 00216 )

J-INVARIANT
-----------

J= ( 26710500727241162716003810675719013932429226221200560900565750922990612096021/32656403261455073420555069507001219787094 62021
27729000000162096000000 , -70093790660517025052050504675402430169567023650250793296117677609490521117679/110114631574646520 6058579
23730060601146521274071925461503002019936000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 4010470925044249360070659 , 301403906051196440600 )
V= ( 12535695720581295697124175344203 60000 , 1907044303249470905276463605016000 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3             1               D

********************************************************************************************************************************
```

F-2

****

R= -41 D= -4101

A= (-0950060100000322060056057501713171001016 91 , 20671000946165431509667716455454507276 8)
B= (41349710601607570756601900161010650205962460774009670201560 22 . -266500699599395990349834076654357251507455245091000016546 56)

J-INVARIANT

J= (13637100253113402062702001270552057633223449920005006205274410600/22420000496002707020469975016429059921617291622656000000 . -50616370000763270075051265217702429242154416265420517003131937 1/1150550325029012247593970955315602445760640751602000000000)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (14702747540041621601 9 , 27322365910094020 0)
V= (36355430561903632020504 3524000 , 10754901523135907029750440000)

NU-P-VALUES

P	NU-P	TYPE OF DECOMPOSITION
3	1	0

****

F-3

****

```
R= -67/2            D= -579026

A= ( -01436670919737616446910902854736664716524146S1 , 375670990035259020005759431229553706391916O )
B= ( 26907120467041127222810954691153160455022042650324077370000226930O5O2 , -1967416059736204375966554672190507453954164000022570
42030209359036 )
```

J-INVARIANT

```
J= ( 1063429278549660042506014041456544950075096710256965204951190742187519/6875590421507678111317572090646457271499040175754240000
00000000 , -2000674417047043637370007555050065005334497660550013420062644320020S3/2270404150412340920550765677351535330527S725953
5160000000000000000 )
```

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

```
U= ( 6300622360305214350433S9 , 1217300907396570604O )
V= ( 4590391163421005053702746402000000 , 97200095456312940496260490000O0 )
```

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D
7	1/2	R

****

F- 8

```
****************************************************************************************************

I= -26                D= -4169

A= ( -890999797004951680606792610891 , 60459915740411071970515322 4 )
B= ( 945612060042005632807704496505539650626069422 , -11966167900420207733461337560763930454 0000 )


J-INVARIANT
-----------

J= ( 7070991646616973170472257653846677107900003 7/702050704496087520105389172209100500000 , -1191747146240591030590743190231257053 0
0106049/397437167513707204633514259314501000000 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 252557044606719 , 6561092376 84 )
V= ( 1393750512901170479000 , 307915074060994 19000 )

MU-P-VALUES
-----------

  P           MU-P       TYPE OF DECOMPOSITION

  5            1               D

****************************************************************************************************
```

F-5

```
****************************************************************************************************************************************************************

R= -37/2                D= -95206

A= ( -11065617603235762471713639073622299051291 , 29116633009971690776007197601966555968 )
B= ( 3412726909342302756231005000325561374203350727206269290161622 , -1010660000177155470221105103426716051275496029710003662505 6 )

J-INVARIANT
-----------

J= ( 450410774042511134030053000644453635150797607050620009430636 3607/27193602012440744530025900934015250200004014000752672000000 .
-371012547427330309402057420109226090377950017316055594523771 59/47956427121900799402290047457959342237922734945191040000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 10219600047905324500019 , 7500140120002900 0 )
V= ( 6024945969964292056165074 72000 , 21969020570932123030003400 00 )

MU-P-VALUES
. ........

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                 D

****************************************************************************************************************************************************************
```

F-6

```
****************************************************************************************************************************

K= -11                D= -1106

A= ( -33407097420765019071461535771 , 257646735101500634457722592 )
B= ( -6539605050260656754016917599300772001533O , -9420065024457092700905449029010713227424 )

J-INVARIANT
-----------

J= ( 964999520210794470566410125876725093954017/00192054073367095700709909203712000000 , -77346215031315551097602407211005062076340
91/26791429066102455424064473665705600000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1191951000050979 , 0432000020592 )
V= ( 11409990317570560132000 , 23554991605135636000 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1                0

****************************************************************************************************************************
```

```
****************************************************************************************************

I= -3                D= 22

A= ( -459906645057301403 , -95005009120605216 )
B= ( 7516285622934343121440566 , 1602474795479445435675232 )

J-INVARIANT
-----------

J= ( 19631310746169659224050/53197633242209015552 , 126233362966750013030293/4344473301455366827000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WERE IS

U= ( -40020125 , -14500600 )
V= ( -5554010607000 , -1155600051232 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3             1              B

****************************************************************************************************
```

F-8

```
****************************************************************************************************

I= 7                 D= 22

A= ( -2653307405644005370563 , 5644944320750010329 6 )
B= ( 2409906710440062225709039405046 , -513766455341027751570537450912 )

J-INVARIANT
-----------

J= ( -2094100645250756343601010205022417/1490264470774506072946 79703644 , 502064514007940069601664204504 99/1254550375907110577735O
247936 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT P=(U,V). HERE IS

U= ( 7415071155 , -1570016192 )
V= ( 2201162617961 92 , -510052031750 00 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1                D

****************************************************************************************************
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```
***********************************************************************************************************************

T= 29/2            D= 50542

A= ( -25323934664313260519535457103015100003 , -4792647075770917101952441227390 4 )
B= ( 8007664631203609911967945004260400548553105006710054164 , -24455310462034340567006502972999156067747667559 1232 )


J-INVARIANT
-----------

J= ( 12000411490006071282932009794305420000661417682990470 4977/13353622559163910500364402604093142210100575623027097 6 . 5024755236126
0499621617642024160545311060375904041571417/12524915600435399045020091770160974556017772649004 11000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 121957341002354515 , -6505760533000852 )
V= ( 5531920971104025007150195 2 , -4903700570579111951754600 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1                0

***********************************************************************************************************************
```

```
****************************************************************************************************************
N= 20               D= 22

A= ( -7903357573351310203 , -3360629121632490l6 )
B= ( 7123902205020960787645630l4 , 1092004643664009334304666OO )

J-INVARIANT
-----------

J= ( 62073610930007055007202604073/46994735790612050909024 , 009195737709456947654702011/2077220722364003116928 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WHERE IS

U= ( 074053123 , -04775020 )
V= ( 170341061 96702 , -79950967 95672 )

****************************************************************************************************************
N= 57/2
****************************************************************************************************************

N= 57/2             D= 379990

A= ( -15947210321077305010257041505200123933600027 , -40410510616347052342020940010355050072096 )
B= ( 107224140610047075550560966360205210971265654500970669103011 63094 , 507095076691797942647131401239317460759555502376642221616 5
560 )

J-INVARIANT
-----------

J= ( 5719007341000155211191034306142017320900272710500207359307107609000/30194001663705470533059996491521761121357107504045403497 00
4000 , 1012637071623005927205521605409577085395062535001103265666993277553/7469610534413477534611633409340145902513746007370751121
71520000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WHERE IS

U= ( 12100792340294001 45763 , -06003994 0955270432 )
V= ( 2020605376510104731074601 4426240 , -9672304435410402945336 62622912 )

****************************************************************************************************************
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****

T= -48 D= -6743

A= (-1059615252373729406372700873600 , 2030069427420651975740856776)
B= (1303710041327440805704226945910537140999509104 , -553090671799462990394503199665130202608920)

J-INVARIANT

J= (016470015299405677626623491047410666075013/996033500760833799677100449085196544 , -1290511126042196000201633400914030670776501
/11074164405415716944615506702740250016)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). HERE IS

U= (207953021266710 , 296534151002)
V= (474681504094121857024 , 12159060014965141504)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	B

****

G-2

```
R= -01/2            D= -1061196

A= ( -62772785325422060400919630115609526106315450023323 , 1693131525100720596229002717578269905769007356 )
B= ( 10606411163009704290413247606054894350000006927402600203532636005490505526 , -77692353090027622015441529409041596096850473777006
2594503760602330912 )

J-INVARIANT
-----------

J= ( 1437424012001042326011013930454950950119009930741051076645509312583507157/2056401820516066725021366072750499746916444359902960
065327720574976 , -20090004610014036690076529635519064842435080553250294174242600706144235001/905130433740530612201321936702594462072
329060430674902004651055405056 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 524656394436294333435075 , 620014723559017145000 )
V= ( 79001671532692447267050723204225152 , 147700235102416006994413487209152 )

MU-P-VALUES
-----------

  P           MU-P      TYPE OF DECOMPOSITION

  3           1               D
  7           1/2             R
```

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********************************************************************************************************************************

N= -35              D= -0642

A= ( -544301435746770505187072739616240574523 , 132605647662492406024160091900065772O )
B= ( 2341506616059275664007301274140501010635078199557559047126 , -142017941975720293595100300272501204640541099577400O0576 )

J-INVARIANT
-----------

J= ( 7210004290203511157695027346260064406702256506293091492596057/26945001120520055775700155766550260096355190810269595 6 , -201525
92455400151507039004060759463041170660690025900705650007/2190567015961003903505321642234511907400267297079035904 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 150374117176401772353 , 20003401554695584 )
V= ( 1355211541763041557005523420O , 2395004544194315484735O0544 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1               D

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```

G-7

```
****************************************************************************************************

K= -51/2                D= -251370

A= ( -162678300517046500744479781000005955713346365 , 16307631303923001062546769255670102010776 )
B= ( 220604005609007166212043600006061312469007500361445536359556945046 , -30550111964533152903597712455520076797430784375109553441
169472 )

J-INVARIANT
-----------

J= ( 4200316457437610709007554060101330055420409335017719963461451990021001/52050126053607276065006740077492255440758579105000023150
554368 , -44317694900327755663695079941795710729124691060721101951979711006903/12946195311476923468325690002672527961504409562642212
230060945400 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), HERE IS

U= ( 5159644679005204536505 , 1164973742706322520 )
V= ( 71572755020497712032306179060552 , 200934702105220057542280735252 )

MU-P-VALUES
-----------

  P           MU-P       TYPE OF DECOMPOSITION

  5             1                0

****************************************************************************************************
```

G-5

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**************************************************************************************************************************************

T= -18                 D= -1337

A= ( -2105251571677420644179104 3 , 4030772177061751610 57920 )
B= ( 27534821372940403059143900621590700606 , -1512670964195062091175175590294443096 )

J-INVARIANT
-----------

J= ( 254344004957179055066702209506023170191/1753052094325596640045100837650420 , -1012200640310950253336016466245656407955/53212995912
5402172715953510499500016 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), WHERE IS

U= ( 45663067150 55 , 20342035924 )
V= ( 50495684510095190 32 , 17429659603920 3016 )

MU-P-VALUES
-----------

  P             MU-P       TYPE OF DECOMPOSITION

  3             1               0

**************************************************************************************************************************************
```

G-6

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****************************************************************************************************

X= -21/2            D= -15150

A= ( -1704775006757006022562020204272100 , 4316291413616940785971245962156l6 )
B= ( -17240402203599936216725502907076675220020700050021034 , -362471040603251933611559435997909550503560214696 32 )

J-INVARIANT
-----------

J= ( 6961203464053673700420155315574657769477600937659721111/727907069740000905246404301055296401000926040591 60 , -545071727793077 0
6839035900124903822161096190653494369/93550025474603702099294005710750603279579971046144 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 305940087095 9067315 , 573305349252760 )
V= ( 15210766450442735473761 3952 , 0025007224175976636 40512 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                D

****************************************************************************************************
```

G-7

```
****************************************************************************************************************
I= -5/2            D= 426

A= ( -154706742105000520520005371 , -749549260432457959540096 )
B= ( 3104554500910762113210321432000050l462 , 1542920159750200177995544002045190912 )

J-INVARIANT
-----------

J= ( 1963257044001093790096717055329340l593/171042570542660492000000000000000 , 370996599500000007709649261805186009/67010602511637
592192000000000000000 )


THE ISOMORPH SM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1226141406579 , 42055502304 )
V= ( -12054403524255400000 , -72437992412760000 )

****************************************************************************************************************
I= -2
****************************************************************************************************************

I= -2              D= 7

A= ( -51033130723 , -19209646936 )
B= ( 6265927466034094 , 2368297291506600 )

J-INVARIANT
-----------

J= ( 3265635553/11664 , 29540593017/279936 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 92463 , 27500 )
V= ( -5429592 , -3145440 )

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**************************************************************************************************************

K= 15/2            D= 6946

A= ( -42641106420602383001168157?1 , 503955449070717836575356064 )
B= ( 1576000920045022030734050734044901402446 62 , -1009963776672270700732645633344136470200 )

J-INVARIANT
-----------

J= ( -3327065240661399414670943403441960087046500501/75262016525472561203921113600000000000000 , 316206480240638392975312500659319 2
62520713969/20273751400069117055659690342400000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 300107640645?9 , -375210925536 )
V= ( 749569060695621600000 , -10570038493719600000 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1                 0

**************************************************************************************************************
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****

N= 15 D= 874

A= (-3400034010410023204544343931 , -79826116609911257140911000)
B= (400071974250071662205336463075429017037142 , -10626205625071146327850970629141742545344)

J-INVARIANT

J= (663625505695030704435104002443264784591923351/557406829046497140019600231000000000000000 , 78195841720655791566177559621074103052645501/194191205451196504052191400046500000000000)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), HERE IS

U= (49162716740099 , -1040115855960)
V= (447610242522101060000 , -301040575272590000000)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	0

****

```
****************************************************************************************************
X= 29                D= 25014

A= ( -1552265042602654304375270911190000411 , -1741126539472309192000067541336600 )
B= ( 5330663040677963023931052400110919711277000179710090 2 , 35042011595004662006426479667172030105090352701056 96 )


J-INVARIANT
-----------

J= ( 13571557661403169246112142209951716424550950101671911 3441/00121513954063705645307664120061106076000000000000 , 12193500675739
5145727951174046574267426004444005674657 09/1159659465725906157006979705201215150150000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 370392070096901059 , -1006976607532040 )
V= ( 1466010000576617206505000 00 , -197075603301757742350000 0 )

****************************************************************************************************
X= 59/2
****************************************************************************************************

X= 59/2              D= 421162

A= ( -42101301706477200019371199592501907465100 45 , -10925010239605621730045101255071410513344 )
B= ( 70946570465336012063462331216759405929037053656457335075100024 06 , 1159363020021192693054337163397264253929300600022493770677
1000 )


J-INVARIANT
-----------

J= ( 39041977169059207673000012136400019254077260559254596649674434606 3/20044023793711562790173533036633402993302770030032226526 02
24 , 177625730454471456274579674910663525156214627246973907463677023 19/6036166347721332769606634044040004220577250552734650627475 06
56 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1094230009577901624435 , -1220033625559024992 )
V= ( 52101332201596553090590716301952 , -1714955376344419940690127422 00 )

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#-1

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****************************************************************************************************************************

I= -95/2            D= -1672314

A= ( -2056606675020049462990940102166087007169620320207l , 42251375505035671250450421402009562510440553104 )
B= ( 4600006010757502537606123496170004401707202203350664543539966105190073502262 , -121150444006205017922513777381320022045032700164
143140451071351561507648 )

J-INVARIANT
-----------

J= ( 204025057520900075005200003357500615027219425000615621190405090503693197459/3404201928442005076271617200034450717758229330790
071040000000000000000 , -10601041903360450707270115662095565520103560075006402725354300115000500093177/1643297507400021391919471600039
3965005042415213104119257600000000000000 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT B=(U,V). HERE IS

U= ( 3172500543627001270555779 , 251434945215993460384 )
V= ( 9099453002124392302665550319730400000 , 1470075571039454422193795961160000 )

MU-P-VALUES
-----------

  P          MU-P      TYPE OF DECOMPOSITION

  7          1/2             R

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#2

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****************************************************************************************************

X= -60                D= -451

A= ( -1599267371795051709505625016 , 2144430719524947526166 4252 )
B= ( 25904206700955460270203206790096140460920 , -4967303610034949074663671554052579906 56 )

J-INVARIANT
-----------

J= ( 1030050273069059573262745750905017094501/34400009709070405961000000000000000 , -7014026042296257601914223077527273900 01/5690460
0199661665556500000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 265620617 67006 , 157742700250 )
V= ( 2901743644277000000 , 26334509490011360000 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D

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A-3

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***********************************************************************************************************

I= -65/2              D= -527934

A= ( -0076365557201514025457123650200435675530459497I , 2049394366296427056605602150075668556111424 )
B= ( 951935526550050060439655750205210060392691012503901150697217136798262 , -7596499460792000100231125263226670283926000570300516O
075614132920 )

J-INVARIANT
-----------

J= ( 2310462574672684700695946730670634901511306067160155004541396452653054 27/92403001041429822762735597630232936730496822050316OO
000000000000 , -3161744161209600195500008200439605725266909479709712934334129957560362 71/2957630992410600040396725247491045576719 69
02127310216960000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 10 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 4509673010199060090I0979 , 9573006751956667424 )
V= ( 27720399779647244092467110042400000 , 63111422104547526850567671600000 )

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#-1

```
****************************************************************************************************************************

R= -25              D= -231

A= ( -6182121842000624593555065005337612731 , 2110915553060607056948372207267l800 )
B= ( 1605061620237052761513090362455679276440667901782l9542 , -9687900551223419699167443011963920200373555596930016 )

J-INVARIANT
-----------

J= ( 5500041334461072110969709016910129230078904125013133767/7352649759876992015207777709960937500000000000000 , -7026102049535502
31062291304342547069062233429315519037 9/7036006401900905199302609094390069140625000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 62237190367697 1699 , 7601014135646040 )
V= ( 202906674214369650662500000 . 10536195564462320300000000 )

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A-5

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********************************************************************************************************************************

X= -55/2              D= -0706

A= ( -31116291501205020223304335765530275043771 , 29326351145066221339356150702527056992 )
B= ( 4795507113209673150165060951040743310336940077767041156066Z , -971379685007053973340057171117439021036400999444916150Z0224 )

J-INVARIANT
-----------

J= ( 6290349079375001644963244255040252910180656402960729209971341 7/4943929730744266032210000273430202510023000000000000000000 , -7
020149043024310210051264854651122794629290375001020201456 33/3904695520355516521319443510575700443130615040000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 57012415643050344579 , 14024220410719619 2 )
V= ( 26529201143550332620907464000O , 502087600791325782207140000O )

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**************************************************************************************************************************

I= -10              D= -201

A= ( -160249304701777403491 , 06720131010330067912 )
B= ( -9332771615202400105670574977B , -12517237375050960095539032504 )


J-INVARIANT
-----------

J= ( 1419223070407062014004533297491/1001490090556054607500000 , -026966952656290483490942496Ol/221264175449392031250000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 11103012319 , 177163092 )
V= ( 1000905305215000 , 46914003155000 )

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###############################################################################################################

X= -3/2              D= 450

A= ( -764032334361530052637202? , -36960203325593752741017? )
B= ( 1154020128425090611306634033717449653? , 556953058745174429323611974601053000 )

J-INVARIANT
-----------

J= ( 204221690525936060921091416634000937/1829970616275669005821337600 , 902477626390144645644833771440702?7/1677400398252696642
0209200000 )

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 1192440755925 , 40306161240 )
V= ( -4132423200916200 , -5953521557546040 )

MU-P-VALUES
-----------

  P           MU-P       TYPE OF DECOMPOSITION

  3           1                B

###############################################################################################################
```

8

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****************************************************************************************************

N= 8                D= 33

A= ( -8422400 , 1251200 )
B= ( 1292092537 6 , -2250539200 )

J-INVARIANT
-----------

J= ( -069963313681/12020672 , 6525763593/4810752 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V), HERE IS

U= ( 1102 , -270 )
V= ( 20736 , -6912 )

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X= 31/2 D= 61690

A= (-12074176053045000274700017030613700 3 , -5083640972926744566 90163950241472)
B= (126075020693641655490044997042199168925099519306 7465018 , -315:20204475961024500772330255630403360540254212000)

J-INVARIANT
....

J= (43232560504000940 6436775707642241792016419514716577 72091/270270254462623606226770226276242941647527564270000 , 251011905437632 43102959922497421490610461155100097037 67/402594197236006000363569102209330578400374556 7000440)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V), WHERE IS

U= (324459264006010725 , -1590931052214240)
V= (2380044530607197424110193792 , -10956235769637603145 69024)

MU-P-VALUES
....

P	MU-P	TYPE OF DECOMPOSITION
7	1/2	R

****

A-10

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******************************************************************************************************************

X= 50                 D= 6919

A= ( -2394606412140110715149517149l , -460923584279232280764708568 )
B= ( 200003012572134085943654074170537940 7014222 , 372622001114501652266430057820171619l1656 )

J-INVARIANT
-----------

J= ( 101735293260000960547276265150029571655275149/4727654456779367142084625505059375 0000 , 144054430111139475100730659069584452162
9339839/557232071972394740570145079090625 0000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 14 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 140407381089519 , -607032476108 )
V= ( 10213550010907702l5000 , -263669090348521 45000 )

******************************************************************************************************************
X= 61/2
******************************************************************************************************************

X= 61/2               D= 465190

A= ( -10609008756076500441766433950750656742189243 , -2300936269304039550270451702235 59066631232 )
B= ( 25034409539054100096515212653759324009676620337515076636495509l734 , 412090647265661690735490563050451446533201203747237799531
65200 )

J-INVARIANT
-----------

J= ( 4340260700190277158314397400050909l6751207913315631431505304500720503/17990600466022619513130200461168411632611242140746202 82
60273664 , 191030300755113526025035064150692250250564020556651790373537400171801/55927002022270753737509373480731069951196157018003
9066702521 9504 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS 2 MOD 14 2.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 201019891457008007944 3 , -16052130514720 06368 )
V= ( 940231364939926043525135536344 32 , -2975715549249015770747155 75744 )

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****************************************************************************************************************

K= -47               D= -101222

A= ( -11473924906961125560307106499235040300003963 , 01327464575966419743200053357290010512132 )
B= ( 864064505356271353074239943364306200974762513191001070173505243740 , -504010076461040322556792122464939365990083579095520705601920
00 )

J-INVARIANT
-----------

J= ( 127050251009616666027250500650000939412176452042056956053761160009/156392676545200293034302750651123352000009320500092020456601
2 , -901703155221723609190072026454467711302082760031361060673079509651/864060706076217001464623353210416170356942021220007341102006
4 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 606901700604157169363 , 22392242509327224 0 )
V= ( 2950146600402254240737775665560 , 1926137422545102043219369 6416 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D

****************************************************************************************************************
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I-2

****

X= -79/2 D= -955002

A= (-.35569007343079200115524095296456316601725674076 3 , .1023570990411002029975454600570056254706559564 0)
B= (70546205110435741115265574629152007905971629377500201115325914504014645174 , -3527126966266769009437132000253950504229939363 74400
036276123004962 0000)

J-INVARIANT

J= (2091150541300734534605065141155301704061906771704000083403282071150311113277 17/367097719165014700506100343442004766997105741 9616
13017301735049 00006 , -00060914316970657442902 7400697925131573006040177 27336275700707952174 701750/151640367001095005305047346 67381
04459329024157023347103523406543047620)

THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS THE POINT Q=(U,V). WHERE IS

U= (39627913220750240627900 3 , 50624409130160530400)
V= (5391015167214100120130000559000 70112 , 10311111766040550607220096627500 16)

MU-P-VALUES

P	MU-P	TYPE OF DECOMPOSITION
3	1	D

****

7-3

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**********************************************************************************************************************************

R= -52              D= -1967

A= ( -9695145224137567840659920 , 015002603010744607062248 )
B= ( 11017571141652117923525736040006946496 , -14736230500621511563274302501394720 0 )

J-INVARIANT
-----------

J= ( 115419951092141726065257104502204143/49202947249300247590271299504 , -431192529506149623006335504570401643/271231246712252714
00547055309560 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 2211395779302 , 7657024310 )
V= ( 9736151344001107 84 , 3594345452396595 2 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1               D

**********************************************************************************************************************************
```

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*****************************************************************************************************************************************

I= -49/2            D= -222302

A= ( -65550052964714274135900105027902376717190323 , 7417055690303140323206265145463321741088 )
B= ( 57755060087410660334079143782633266232219049900452623083040320694 , -1106990401477009095107231650787770997250074229316008242640
60000 )


J-INVARIANT
-----------

J= ( 1032652767443714200041991940000125401209707604112553261016306976092227/1519610294061210382660734646366509744519901220655087041 74
104576 , -14704042437369532696265604761697614923704000327423424411060954111 77/5176864009170069030354982315683299712745103037715 4069
4677505 92 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 204063647971235262000 3 , 0269639200553262000 )
V= ( 393042025363630157232340097562752 , 1141292106143400154700625 49696 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3             1               0

*****************************************************************************************************************************************
```

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****************************************************************************************************************************

R= -17               D= -1110

A= ( -95704500400009140400042091102562O3 , 26509995173451057697063753168704 )
B= ( 2405090530340133055904704407937567107063204221014 , -1535766206772979491902207200594233024939545440O )

J-INVARIANT
-----------

J= ( 579709640465675730075500151160373505917030604070127/52796500750300356375616204717005312524926976 , -62270135017206712797499190O
50357140560935011224 91/1003759203369546765202970929620546355639005O752 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). WERE IS

U= ( 10270501712042003 , 7150020122256O )
V= ( 660242423705279014742600 , 2054710207310417500455 2 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  3            1              D

****************************************************************************************************************************
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****************************************************************************************************

X= -19/2            D= -10002

A= ( -105096615700100247330706300000420S , 50394655631401395593151972960120 )
B= ( -90061004379065065265635911270651516064300094510104 , -1344395537100450512651726570561766309546124501200 0 )

J-INVARIANT
------------

J= ( 1091405511900564555016203067171123021136600763147589 37/3199150495250602770610709107199400127124779565054 , -92275020903622634 9
0296910591306143043087029523061119/2500379297610013224341464749574330520410602975 0444 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT O=(U,V). HERE IS

U= ( 1125196600372549525 , 23411322666009 60 )
V= ( 3540525719011495456717939 2 , 194496599599724 40000 26176 )

MU-P-VALUES
------------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1               D

****************************************************************************************************
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****************************************************************************************************
X= -1                D= 6

A= ( -154171018441048731 , -629540714376716l6 )
B= ( 3294098890096900443200354 2 , 13451360607076546447682112 )

J-INVARIANT
-----------

J= ( 25173152039011590147135 29/1408265856000000 , 36830744532582741490119 31/5410496960000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 167109699 , 61992064 )
V= ( 5543964000 , -21639096000 )

****************************************************************************************************
T= -1/2
****************************************************************************************************

X= -1/2              D= 322

A= ( -541224263554230550000 4763 , -30271215163052113637024 )
B= ( 217929427311221302710717943227016246 , 121447292079905407510000294105 64920 )

J-INVARIANT
-----------

J= ( 96011393045469505676745570405731733/05836627592343101066 24 , 02957717906930209363265247202413590 3/10926976304111671425 10592 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 305310801795 , 16514304920 )
V= ( 2782957690356 40 , -25265230620052 )

MU-P-VALUES
-----------

  P            MU-P      TYPE OF DECOMPOSITION

  3            1               D

****************************************************************************************************
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******************************************************************************************************************

R= 17/2              D= 406

A= ( -1320250400100415270296320627 , -300141044910330571373340000 )
B= ( -7576000322004964379074945541321075036744 , -796250767054996427771059729907309917760 )

J-INVARIANT
-----------

J= ( -99406000924548136540001422102237220306054019/1159790450459454013004149101699727360000000 , 3441445013060473659940940491707461446380071/153501670525515907231431496754375600000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT G=(U,V). HERE IS

U= ( -1021693307197 , -1007315502560 )
V= ( -2252165714505060704000 , -3245612015226456640 )

MU-P-VALUES
-----------

  P            MU-P       TYPE OF DECOMPOSITION

  5            1              D
  7            1/2            E

******************************************************************************************************************
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```
X= 16                D= 265

A= ( -940150436155092 , -75053055097656 )
B= ( 905202704273600008351936 , -52119303462746592625 20 )

J-INVARIANT
-----------

J= ( 542400052064553955729250/1707465012317104000 , 7089203440782630150371/6402969296109440000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 29703302 , -1069610 )
V= ( 208257454000 , -25025531904 )

F= 35/2

F= 35/2              D= 74374

A= ( -5766103777033730771006600145951 75451 , -3590087063614012906941075029712 0032 )
B= ( 157191290144035001504363580474702671445561027050395029 02 , -5071347250020494593014505455483479193049273995094336 )

J-INVARIANT
-----------

J= ( 2071331446503203053297071057002462206428730763359610003710 83/007999128244492579192057434756661520504192000000000000 , 11794240
25492054404151774900777796520570927309102972166001/12540471309057649904119073797357240330284000000000000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 791639446049399939 , -2050116273912352 )
V= ( 891002102376420191234000000 , -6364046827569074787000000 )
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****************************************************************************************************

K= 31                 D= 7630

A= ( -100146654060079565025905190020014514? , -16650337197504201975230357651547328 )
B= ( 707141917095260254089690956593497390759130836923920534 , 00677063330100193178255171932624360053061700140250?4 )

J-INVARIANT
-----------

J= ( 196162707413689205696802443701023021728762077534639442563?/723790304526257495104926248436537642146391592960000 , 11974409929240
0156923450353029946706792131702005310257637/306110021961104622372442510065378750225675037696000 0 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 0793107196572711?3 , -30040753700690?6 )
V= ( 477900706463554010921771600 , -110717429660690111100077?4 )

****************************************************************************************************
K= 63/2
****************************************************************************************************

K= 63/2               D= 512194

A= ( -2617917723008100310290432590232714740000?001 , -507300539751227416105203332650454577332032 )
B= ( 9055747530657262400209905603440562122781293411743072500346626002? , 1350750440610713472731424565641722094992901204469944523?2
055744 )

J-INVARIANT
-----------

J= ( 12840941473612037344205773746747700500641995106603439330509245520504?13/42374071020075119521040311325596750621342341040900?4010
680000000 , 79458440722410173003259371723690267797650404025040492075355139410?3/1076005570700013390295492241796544592702200491156?
1049952000000 )


THE ISOMORPHISM TYPE OF THE TORSION GROUP IS Z MOD 14 Z.

A GENERATOR OF THE TORSION GROUP IS  THE POINT Q=(U,V). HERE IS

U= ( 44293400040226275036?9 , -252623790354?270112 )
V= ( 16606234350321342200992702459?000 , -5061135258501406230204606?6000 )

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