

**Supplement to
 SOME RESULTS ON PSEUDOSQUARES**

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p	L_p	$h(L_p)$	$L(1, \chi)$	ULI
3	73	1	1.7946364837	0.3459282982
5	241	1	2.4183563839	0.3988910181
7	1009	7	3.0784441441	0.4468651590
11	2641	1	3.5073683588	0.4770019440
13	8089	1	3.9633229771	0.5064209380
17	18001	1	4.2182824066	0.5188848171
19	53881	1	4.6661344671	0.5484838791
23	87481	1	4.8088655542	0.5551442792
29	117049	1	4.9461561691	0.5651217648
31	515761	1	5.3120160651	0.5787450482
37	1083289	1	5.5232002116	0.5892030098
41	3206641	3	5.6799106982	0.5890869201
43	3818929	1	5.8477156539	0.6039032227
47	9257329	1	6.0674637842	0.6137764192
53	22000801	7	6.2264429761	0.6181510043
59,61	48473881	1	6.3965430604	0.6249458203
67	175244281	5	6.6137810900	0.6307799850
71,73	427733329	1	6.8005936576	0.6386300530
79	898716289	11	6.9990931932	0.6493042832
83,89,97	2805544681	10	7.2730900489	0.6629482221
101	10310263441	1	7.4851360649	0.6696424663
103	23616331489	19	7.5674167131	0.6694690869
107,109	85157610409	2	7.8389166334	0.6822425198
113,127	196265095009	1	7.7866491811	0.6709050799
131,137,139	2871842842801	1	8.2892918290	0.6933157491
149,151	26250887023729	4	8.5391111438	0.6987414036
157,163,167	112434732901969	1	8.5817993364	0.6929425011
173,179	178936222537081	1	9.0689527776	0.7292868277
181,191	696161110209049	4	8.9294733746	0.7098228696
193	2854909648103881	2	9.0963543491	0.7148977642
197,199	6450045516630769	4	9.0403824576	0.7060231286
211,223	11641399247947921	1	9.1073905127	0.7080866524
227	190621428905186449	2	9.2673358433	0.7062716759
229	196640248121928601	1	9.3567793106	0.7129370864
233	712624335095093521	15	9.3705617701	0.7078731164
239	1773855791877850321	12	9.1236631113	0.6851762605
241	2327687064124474441	1	9.4813949390	0.7108158377
251	6384991873059836689	6	9.5177718982	0.7090778996
257	8019204661305419761	2	9.5036682582	0.7070422414
263,269,271	10198100582046287689	4	9.4786808275	0.7041556389

Table 4.3: Positive Pseudosquares - Least Solutions

p	L_p	$h(L_p)$	$L(1, x)$	ULI	p	N_p	$h(-N_p)$	$L(1, x)$	ULI
3	73	1	1.7946364837	0.3459282982	3	23	3	1.9652020541	0.4827390432
5	241	1	2.4183563839	0.3988910181	5	71	7	2.6098691772	0.5053237394
7	1009	7	3.0784441441	0.4468651590	7	311	19	3.3847241424	0.5437679731
11	2689	1	3.4845125300	0.4733698982	11	479	25	3.5885758047	0.5535352289
13	8089	1	3.9633229771	0.5064209380	13	1559	51	4.0578593629	0.5710241224
17	33049	1	4.3463927738	0.5209116675	17	5711	109	4.5312736492	0.5895796630
19	53881	1	4.6661344671	0.5484838791	19	10559	153	4.6776735393	0.5898630663
23	87481	1	4.8088655542	0.5551442792	23	18191	213	4.9613651213	0.6100040766
29	483289	1	5.2292462452	0.5708252190	29	31391	289	5.1244249849	0.6154610826
31	515761	1	5.3120160651	0.5787450482	31	118271	606	5.358378717	0.6322667867
37	1083289	1	5.5232002116	0.5892030098	37, 47, 53	366791	1121	5.8149522107	0.6400619726
41, 43	3818929	1	5.8477156539	0.6039032227	59, 61	2155919	2968	6.3503483507	0.6652162024
47	9257329	1	6.0674637842	0.6137764192	67	6077111	5092	6.4891779413	0.6627868076
53	22000801	7	6.2264429761	0.6181510043	71	98538359	21934	6.9416873451	0.6690545777
59, 61	48473881	1	6.3965430604	0.6249458203	73, 79	120293879	24503	7.0185495130	0.67399682870
67	175244281	5	6.6137810900	0.6307799850	83	131486759	25817	7.0731788091	0.6781076329
71, 73	427733329	1	6.8005936576	0.6386300530	89, 97, 101, 103, 107, 109	508095719	51460	7.1721090900	0.6715805164
79	898716289	11	6.9990931932	0.6493042832	113, 127	2570169839	122106	7.5666904225	0.6906151641
83	8114538721	1	7.3666910346	0.6612462398	131	328878692999	1499699	8.2155398329	0.7036135008
89	9176747449	1	7.3407292144	0.6577849731	137	513928659191	1870227	8.1958268908	0.6983686596
97, 101, 103	23616331489	19	7.5674167131	0.6694960869	139	844276851239	2449750	8.3758559215	0.7097790793
107, 109, 113, 127	196265095009	1	7.7866491811	0.6709050799	149	1043702750999	2722860	8.3731094968	0.7079026655
131, 137, 139	2871842842801	1	8.2892918290	0.6933157491	151	4306732833311	5610919	8.4939540308	0.7074769261
149	26437680473689	1	8.4553937843	0.6918446788	157	8402847753431	7881499	8.5417223409	0.7066927345
151	89436364375801	3	8.5053015875	0.6881706881	163	52717232543951	20080160	8.6884166666	0.7063645465
157, 163, 167	112434732901969	1	8.5817993364	0.6929425011	167	100535431791791	27781594	8.7045727470	0.7035567984
173, 179	178936222537081	1	9.0689527776	0.7292868277	173, 181, 191	2511109340045079	44300560	8.7826920556	0.7041948099
181, 191, 193	6072205049848081	1	8.8039434062	0.6878756324	193, 197, 199, 211	493092541684679	63175230	8.9378381826	0.7125341868
197, 199, 211, 223	11641399947947921	1	9.1073905127	0.7080866524	223	71608584429428591	77003780	9.0402275398	0.6936551769
227, 229	196640248121928601	1	9.3567793106	0.7129370864	227	88163809685323439	883621890	9.3491292566	0.7163107553
233	781158046093912369	5	9.3965647828	0.7094115069	229	218748706425968039	138938790	9.3325559852	0.7105760406
239	6938117179828687609	3	9.6032834211	0.7150847819	233	423414931359807911	1972365462	9.5225700745	0.7218317834
241	9064125655411231729	1	9.5863310826	0.7126613881	239	695681268077687119	3233883052	9.6188150726	0.7245068425
					257, 263, 269	3546374752298322551	5849622617	9.7585526221	0.72996638166

Table 4.5: Negative Pseudosquares - Least Solutions

Table 4.4: Positive Pseudosquares - Prime Solutions

P	N_p	$h(-N_p)$	$L(1, X)$	ULI
3	23	3	1.9652020541	0.4827590432
5	71	7	2.6098691772	0.5053237394
7	311	19	3.3847241424	0.5437079731
11	479	25	3.5885758047	0.5535352289
13	1559	51	4.0578593629	0.5710241224
17	5711	109	4.5312736492	0.5895796630
19	10559	153	4.6776735393	0.5898630663
23	18191	213	4.9613651213	0.6100040766
29	31391	289	5.1244249849	0.6154610826
31, 37, 41	366791	1121	5.8149522107	0.6400619726
43	4080359	3997	6.2163410511	0.6409438715
47	12537719	7457	6.6161409641	0.6647923364
53	30706079	12017	6.8129272646	0.671374122
59	36415991	12719	6.9215059478	0.6506143365
61	82636319	20299	7.0151834828	0.6783760294
67, 71	120293879	24503	7.0185495130	0.67396892870
73, 79	131486759	25817	7.0731788091	0.6781076329
83, 89	2929911599	128755	7.4728577854	0.6807169826
97	7979490791	219207	7.7093311731	0.6921650255
101, 103	33857579279	456929	7.8013658108	0.6869253735
107	89206899239	761619	8.0110311517	0.6968237377
109	121560956039	883537	7.9611821469	0.6898802249
113, 127	328878692999	1499699	8.2155398329	0.7036135008
131	513928659191	1870227	8.1958268908	0.6983686596
137, 139, 149	4306732833311	5610919	8.4939540308	0.7074769261
151	8402847753431	7881499	8.5417223409	0.7066927345
157	70864718555231	23298345	8.6948062995	0.7049811900
163	317939900373231	48337375	8.5237406251	0.6820605686
167, 173, 179, 181	501108392233679	63401301	8.8977910817	0.7092456110
191, 193, 197	5551185799073591	217709085	9.1798068514	0.7177365595
199, 211	7832488789769159	255145331	9.0570675561	0.7062808236
223, 227	102097158739597271	957852561	9.4176318524	0.7208708615
229	315759454565514431	1702318729	9.5172739052	0.7228462590
233	868116409360316399	2849135533	9.6066207408	0.7247717341
239	3412527725201978759	5672915337	9.6475731598	0.7215388721
241, 251, 257, 263, 269	3546374752298322551	5849622617	9.75855526221	0.72966638166

Table 4.6: Negative Pseudosquares - Prime Solutions

Table 4.7

L	$h(L)$	$L(1, X)$	ULI
6450045516630769	4	9.0403824576	0.7060231286
11641399247947921	1	9.1073905127	0.7080866524
30819994040589121	1	9.2034263679	0.7104419654
76885196535770281	1	9.2522210207	0.7095664352
116307279575913409	1	9.4047952932	0.7191870248
309361186961076121	4	9.4839316655	0.7204129306
593648033453064769	1	9.4864453770	0.7174870682
837534463612755841	15	9.4885486017	0.7160305745
986170795371327721	1	9.5479352699	0.7197476770
1289728952842378129	2	9.5669559354	0.7199334186
13783462909984666249	4	9.5686079372	0.7197505285
1625302739833637089	5	9.5742046684	0.7194123912
2001773756832589609	12	9.5783193886	0.7187680697
2305984263805598401	1	9.7166107806	0.7284929581
6476334166896360649	10	9.7907659699	0.7293525852

N	$h(-N)$	$L(1, X)$	ULI
1088144332169831	95504500	9.0955812095	0.7203785716
2085366568194719	135018400	9.2886292041	0.7318252344
34571718084771479	562662108	9.5068591627	0.7332557993
121036243821187439	1054370893	9.5210657039	0.7278772590
140477714238295199	1138177140	9.5401678405	0.7288876488
391724890376888591	1901072300	9.5424067085	0.7237103531
427407728556837551	2008951026	9.6537942138	0.7317331766
695681268077667119	2582308636	9.7264165608	0.7348709679
1026219868955993351	3148812910	9.7650960769	0.7359280386
1687542416179693919	4038842988	9.7674117048	0.7337541712
1811049832613761871	4189547100	9.7802903884	0.7343911931
2503702890956049719	4931770683	9.7917733408	0.7337473072
2570304063059644799	5012639100	9.8225457148	0.7359315389
4995724305819922919	7031222944	9.8828342043	0.7373872403

Table 4.8