

THE LARGEST KNOWN PRIMES

(The 5,000 largest known primes)

(selected smaller primes which have comments are included)

Originally Compiled by Samuel Yates – Continued by Chris Caldwell

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So that I can maintain this database of the 5,000 largest known primes (plus selected smaller primes with 1,000 or more digits), please send any new primes (that are large enough) to:

<http://primes.utm.edu/bios/submission.php>

This list in a searchable form (plus information such as how to find large primes and how to prove primality) is available at the interactive web site:

<http://primes.utm.edu/primes/>

See the last pages for information about the provers.

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1 The List of Primes

The letters after the rank refer to when the prime was submitted. ‘a’ is this month, ‘b’ last month...

rank	description	digits	who	year	comment
1	$2^{8258993} - 1$	24862048	G16	18	Mersenne 51??
2	$2^{77232917} - 1$	23249425	G15	18	Mersenne 50??
3	$2^{74207281} - 1$	22338618	G14	16	Mersenne 49??
4	$2^{57885161} - 1$	17425170	G13	13	Mersenne 48?
5	$2^{43112609} - 1$	12978189	G10	08	Mersenne 47
6	$2^{42643801} - 1$	12837064	G12	09	Mersenne 46
7	$2^{37156667} - 1$	11185272	G11	08	Mersenne 45
8	$2^{32582657} - 1$	9808358	G9	06	Mersenne 44
9	$10223 \cdot 2^{31172165} + 1$	9383761	SB12	16	
10	$2^{30402457} - 1$	9152052	G9	05	Mersenne 43
11	$2^{25964951} - 1$	7816230	G8	05	Mersenne 42
12	$2^{24036583} - 1$	7235733	G7	04	Mersenne 41
13	$2^{20996011} - 1$	6320430	G6	03	Mersenne 40
14	$1059094^{1048576} + 1$	6317602	L4720	18	Generalized Fermat
15	$919444^{1048576} + 1$	6253210	L4286	17	Generalized Fermat
16	$168451 \cdot 2^{19375200} + 1$	5832522	L4676	17	
17	$7 \cdot 2^{18233956} + 1$	5488969	L4965	20	Divides Fermat $F(18233954)$
18	$\text{Phi}(3, -123447^{524288})$	5338805	L4561	17	Generalized unique
19	$7 \cdot 6^{6772401} + 1$	5269954	L4965	19	
20	$8508301 \cdot 2^{17016603} - 1$	5122515	L4784	18	Woodall
21	$3 \cdot 2^{16819291} - 1$	5063112	L5230	21	
22	$3 \cdot 2^{16408818} + 1$	4939547	L5171	20	Divides $GF(16408814, 3)$, $GF(16408817, 5)$

rank	description	digits	who	year	comment
23	$2^{15317227} + 2^{7658614} + 1$	4610945	L5123	20	Gaussian Mersenne norm 41?, generalized unique
24	$6 \cdot 5^{6546983} + 1$	4576146	L4965	20	
25	$192971 \cdot 2^{14773498} - 1$	4447272	L4965	21	
26	$6962 \cdot 31^{2863120} - 1$	4269952	L4944	20	
27	$99739 \cdot 2^{14019102} + 1$	4220176	L5008	19	
28	$404849 \cdot 2^{13764867} + 1$	4143644	L4976	21	Generalized Cullen
29	$2740879 \cdot 2^{13704395} - 1$	4125441	L4976	19	Generalized Woodall
30	$479216 \cdot 3^{8625889} - 1$	4115601	L4976	19	Generalized Woodall
31	$Phi(3, -143332^{393216})$	4055114	L4506	17	Generalized unique
32	$2^{13466917} - 1$	4053946	G5	01	Mersenne 39
33	$9 \cdot 2^{13334487} + 1$	4014082	L4965	20	Divides $GF(13334485, 3)$
34	$2805222 \cdot 5^{5610444} + 1$	3921539	L4972	19	Generalized Cullen
35	$19249 \cdot 2^{13018586} + 1$	3918990	SB10	07	
36	$2293 \cdot 2^{12918431} - 1$	3888839	L4965	21	
37	$9 \cdot 2^{12406887} + 1$	3734847	L4965	20	Divides $GF(12406885, 3)$
38	$27 \cdot 2^{12184319} + 1$	3667847	L4965	21	
39	$3 \cdot 2^{11895718} - 1$	3580969	L4159	15	
40	$3 \cdot 2^{11731850} - 1$	3531640	L4103	15	
41	$69 \cdot 2^{11718455} - 1$	3527609	L4965	20	
42	$69 \cdot 2^{11604348} - 1$	3493259	L4965	20	
43	$9 \cdot 2^{11500843} + 1$	3462100	L4965	20	Divides $GF(11500840, 12)$
44	$3 \cdot 2^{11484018} - 1$	3457035	L3993	14	
45	$193997 \cdot 2^{11452891} + 1$	3447670	L4398	18	
46	$3638450^{524288} + 1$	3439810	L4591	20	Generalized Fermat
47	$9221 \cdot 2^{11392194} - 1$	3429397	L5267	21	
48	$9 \cdot 2^{11366286} + 1$	3421594	L4965	20	Generalized Fermat
49	$3214654^{524288} + 1$	3411613	L4309	19	Generalized Fermat
50	$146561 \cdot 2^{11280802} - 1$	3395865	L5181	20	
51	$2985036^{524288} + 1$	3394739	L4752	19	Generalized Fermat
52	$2877652^{524288} + 1$	3386397	L4250	19	Generalized Fermat
53	$2788032^{524288} + 1$	3379193	L4584	19	Generalized Fermat
54	$2733014^{524288} + 1$	3374655	L4929	19	Generalized Fermat
55	$9 \cdot 2^{11158963} + 1$	3359184	L4965	20	Divides $GF(11158962, 5)$
56	$9271 \cdot 2^{11134335} - 1$	3351773	L4965	21	
57	$2312092^{524288} + 1$	3336572	L4720	18	Generalized Fermat
58	$2061748^{524288} + 1$	3310478	L4783	18	Generalized Fermat
59	$1880370^{524288} + 1$	3289511	L4201	18	Generalized Fermat
60	$3 \cdot 2^{10829346} + 1$	3259959	L3770	14	Divides $GF(10829343, 3)$, $GF(10829345, 5)$
61	$Phi(3, -844833^{262144})$	3107335	L4506	17	Generalized unique
62	$Phi(3, -712012^{262144})$	3068389	L4506	17	Generalized unique
63	$874208 \cdot 54^{1748416} - 1$	3028951	L4976	19	Generalized Woodall
64	$475856^{524288} + 1$	2976633	L3230	12	Generalized Fermat
65	$9 \cdot 2^{9778263} + 1$	2943552	L4965	20	
66	$1806676 \cdot 41^{1806676} + 1$	2913785	L4668	18	Generalized Cullen
67	$356926^{524288} + 1$	2911151	L3209	12	Generalized Fermat
68	$341112^{524288} + 1$	2900832	L3184	12	Generalized Fermat

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69	$121 \cdot 2^{9584444} + 1$	2885208	L5183	20	Generalized Fermat
70	$11 \cdot 2^{9381365} + 1$	2824074	L4965	20	Divides $GF(9381364, 6)$
71	$27653 \cdot 2^{9167433} + 1$	2759677	SB8	05	
72	$90527 \cdot 2^{9162167} + 1$	2758093	L1460	10	
73	$6795 \cdot 2^{9144320} - 1$	2752719	L4965	21	
74	$1323365 \cdot 116^{1323365} + 1$	2732038	L4718	18	Generalized Cullen
75	$13 \cdot 2^{8989858} + 1$	2706219	L4965	20	
76	$273809 \cdot 2^{8932416} - 1$	2688931	L1056	17	
77	$2 \cdot 3^{5570081} + 1$	2657605	L4965	20	Divides $\Phi(3^{5570081}, 2)$ [g427]
78	$25 \cdot 2^{8788628} + 1$	2645643	L5161	21	Generalized Fermat
79	$2038 \cdot 366^{1028507} - 1$	2636562	L2054	16	
80	$17 \cdot 2^{8636199} + 1$	2599757	L5161	21	Divides $GF(8636198, 10)$
81	$75898^{524288} + 1$	2558647	p334	11	Generalized Fermat
82	$25 \cdot 2^{8456828} + 1$	2545761	L5237	21	Divides $GF(8456827, 12)$, generalized Fermat
83	$39 \cdot 2^{8413422} + 1$	2532694	L5232	21	
84	$31 \cdot 2^{8348000} + 1$	2513000	L5229	21	
85	$27 \cdot 2^{8342438} - 1$	2511326	L3483	21	
86	$11 \cdot 2^{8103463} + 1$	2439387	L4965	20	Divides $GF(8103462, 12)$
87	$11 \cdot 2^{7971110} - 1$	2399545	L2484	19	
88	$27 \cdot 2^{7963247} + 1$	2397178	L5161	21	Divides Fermat $F(7963245)$
89	$39 \cdot 2^{7946769} + 1$	2392218	L5226	21	Divides $GF(7946767, 12)$
90	$7 \cdot 6^{3072198} + 1$	2390636	L4965	19	
91	$3765 \cdot 2^{7904593} - 1$	2379524	L4965	21	
92	$29 \cdot 2^{7899985} + 1$	2378134	L5161	21	Divides $GF(7899984, 6)$
93	$861 \cdot 2^{7895451} - 1$	2376771	L4965	21	
94	$28433 \cdot 2^{7830457} + 1$	2357207	SB7	04	
95	$2545 \cdot 2^{7732265} - 1$	2327648	L4965	21	
96	$5539 \cdot 2^{7730709} - 1$	2327180	L4965	21	
97	$1341174 \cdot 53^{1341174} + 1$	2312561	L4668	17	Generalized Cullen
98	$45 \cdot 2^{7661004} + 1$	2306194	L5200	20	
99	$15 \cdot 2^{7619838} + 1$	2293801	L5192	20	
100	$3597 \cdot 2^{7580693} - 1$	2282020	L4965	21	
101	$7401 \cdot 2^{7523295} - 1$	2264742	L4965	21	
102	$45 \cdot 2^{7513661} + 1$	2261839	L5179	20	
103	$\Phi(3, -558640^{196608})$	2259865	L4506	17	Generalized unique
104	$29 \cdot 2^{7374577} + 1$	2219971	L5169	20	Divides $GF(7374576, 3)$
105	$109838 \cdot 5^{3168862} - 1$	2214945	L5129	20	
106	$101 \cdot 2^{7345194} - 1$	2211126	L1884	19	
107	$15 \cdot 2^{7300254} + 1$	2197597	L5167	20	
108	$737 \cdot 2^{7269322} - 1$	2188287	L4665	17	
109	$118568 \cdot 5^{3112069} + 1$	2175248	L690	20	
110	$6039 \cdot 2^{7207973} - 1$	2169820	L4965	21	
111	$502573 \cdot 2^{7181987} - 1$	2162000	L3964	14	
112	$402539 \cdot 2^{7173024} - 1$	2159301	L3961	14	
113	$3343 \cdot 2^{7166019} - 1$	2157191	L1884	16	
114	$161041 \cdot 2^{7107964} + 1$	2139716	L4034	15	
115	$27 \cdot 2^{7046834} + 1$	2121310	L3483	18	

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116	$327 \cdot 2^{7044001} - 1$	2120459	L4965	21	
117	$3 \cdot 2^{7033641} + 1$	2117338	L2233	11	Divides $GF(7033639, 3)$
118	$33661 \cdot 2^{7031232} + 1$	2116617	SB11	07	
119	$\text{Phi}(3, -237804^{196608})$	2114016	L4506	17	Generalized unique
120	$207494 \cdot 5^{3017502} - 1$	2109149	L5083	20	
121	$2^{6972593} - 1$	2098960	G4	99	Mersenne 38
122	$6219 \cdot 2^{6958945} - 1$	2094855	L4965	21	
123	$51 \cdot 2^{6945567} + 1$	2090826	L4965	20	Divides $GF(6945564, 12)$ [p286]
124	$238694 \cdot 5^{2979422} - 1$	2082532	L5081	20	
125	$4 \cdot 72^{119849} - 1$	2079933	L4444	16	
126	$146264 \cdot 5^{2953282} - 1$	2064261	L1056	20	
127	$69 \cdot 2^{6838971} - 1$	2058738	L5037	20	
128	$35816 \cdot 5^{2945294} - 1$	2058677	L5076	20	
129	$127 \cdot 2^{6836153} - 1$	2057890	L1862	18	
130	$19 \cdot 2^{6833086} + 1$	2056966	L5166	20	
131	$40597 \cdot 2^{6808509} - 1$	2049571	L3749	13	
132	$283 \cdot 2^{6804731} - 1$	2048431	L2484	20	
133	$1861709 \cdot 2^{6789999} + 1$	2044000	L5191	20	
134	$5781 \cdot 2^{6789459} - 1$	2043835	L4965	21	
135	$8435 \cdot 2^{6786180} - 1$	2042848	L4965	21	
136	$51 \cdot 2^{6753404} + 1$	2032979	L4965	20	
137	$9995 \cdot 2^{6711008} - 1$	2020219	L4965	20	
138	$39 \cdot 2^{6684941} + 1$	2012370	L5162	20	
139	$6679881 \cdot 2^{6679881} + 1$	2010852	L917	09	Cullen
140	$37 \cdot 2^{6660841} - 1$	2005115	L3933	14	
141	$39 \cdot 2^{6648997} + 1$	2001550	L5161	20	
142	$304207 \cdot 2^{6643565} - 1$	1999918	L3547	13	
143	$69 \cdot 2^{6639971} - 1$	1998833	L5037	20	
144	$6471 \cdot 2^{6631137} - 1$	1996175	L4965	21	
145	$1319 \cdot 2^{6506224} - 1$	1958572	L4965	21	
146	$322498 \cdot 5^{2800819} - 1$	1957694	L4954	19	
147	$88444 \cdot 5^{2799269} - 1$	1956611	L3523	19	
148	$13 \cdot 2^{6481780} + 1$	1951212	L4965	20	
149	$138514 \cdot 5^{2771922} + 1$	1937496	L4937	19	
150	$398023 \cdot 2^{6418059} - 1$	1932034	L3659	13	
151	$1995 \cdot 2^{6333396} - 1$	1906546	L4965	21	
152	$1582137 \cdot 2^{6328550} + 1$	1905090	L801	09	Cullen
153	$3303 \cdot 2^{6264946} - 1$	1885941	L4965	21	
154	$13039868^{262144} + 1$	1865227	L5273	21	Generalized Fermat
155	$7 \cdot 6^{2396573} + 1$	1864898	L4965	19	
156	$12959788^{262144} + 1$	1864525	L4591	21	Generalized Fermat
157	$12582496^{262144} + 1$	1861162	L5202	21	Generalized Fermat
158	$12529818^{262144} + 1$	1860684	L4871	20	Generalized Fermat
159	$12304152^{262144} + 1$	1858615	L4591	20	Generalized Fermat
160	$12189878^{262144} + 1$	1857553	L4905	20	Generalized Fermat
161	$39 \cdot 2^{6164630} + 1$	1855741	L4087	20	Divides $GF(6164629, 5)$
162	$11081688^{262144} + 1$	1846702	L5051	20	Generalized Fermat
163	$10979776^{262144} + 1$	1845650	L5088	20	Generalized Fermat

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164	$10829576^{262144} + 1$	1844082	L4677	20	Generalized Fermat
165	$194368 \cdot 5^{2638045} - 1$	1843920	L690	18	
166	$10793312^{262144} + 1$	1843700	L4905	20	Generalized Fermat
167	$10627360^{262144} + 1$	1841936	L4956	20	Generalized Fermat
168	$10578478^{262144} + 1$	1841411	L4307	20	Generalized Fermat
169	$66916 \cdot 5^{2628609} - 1$	1837324	L690	18	
170	$3 \cdot 2^{6090515} - 1$	1833429	L1353	10	
171	$9812766^{262144} + 1$	1832857	L4245	20	Generalized Fermat
172	$9750938^{262144} + 1$	1832137	L4309	20	Generalized Fermat
173	$9450844^{262144} + 1$	1828578	L5020	20	Generalized Fermat
174	$9125820^{262144} + 1$	1824594	L5002	19	Generalized Fermat
175	$8883864^{262144} + 1$	1821535	L4715	19	Generalized Fermat
176	$21 \cdot 2^{6048861} + 1$	1820890	L5106	20	Divides $GF(6048860, 5)$
177	$9999 \cdot 2^{6037057} - 1$	1817340	L4965	21	
178	$8521794^{262144} + 1$	1816798	L4289	19	Generalized Fermat
179	$1583 \cdot 2^{5989282} - 1$	1802957	L4036	15	
180	$6291332^{262144} + 1$	1782250	L4864	18	Generalized Fermat
181	$6287774^{262144} + 1$	1782186	L4726	18	Generalized Fermat
182	$327926 \cdot 5^{2542838} - 1$	1777374	L4807	18	
183	$81556 \cdot 5^{2539960} + 1$	1775361	L4809	18	
184	$5828034^{262144} + 1$	1773542	L4720	18	Generalized Fermat
185	$993 \cdot 10^{1768283} - 1$	1768286	L4879	19	Near-repdigit
186	$9 \cdot 10^{1762063} - 1$	1762064	L4879	20	Near-repdigit
187	$5205422^{262144} + 1$	1760679	L4201	18	Generalized Fermat
188	$5152128^{262144} + 1$	1759508	L4720	18	Generalized Fermat
189	$4489246^{262144} + 1$	1743828	L4591	18	Generalized Fermat
190	$2 \cdot 3^{3648969} + 1$	1741001	L5043	20	Divides $Phi(3^{3648964}, 2)$ [g427]
191	$7 \cdot 2^{5775996} + 1$	1738749	L3325	12	
192	$4246258^{262144} + 1$	1737493	L4720	18	Generalized Fermat
193	$3933508^{262144} + 1$	1728783	L4309	18	Generalized Fermat
194	$3853792^{262144} + 1$	1726452	L4715	18	Generalized Fermat
195	$3673932^{262144} + 1$	1721010	L4649	17	Generalized Fermat
196	$3596074^{262144} + 1$	1718572	L4689	17	Generalized Fermat
197	$3547726^{262144} + 1$	1717031	L4201	17	Generalized Fermat
198	$8 \cdot 10^{1715905} - 1$	1715906	L4879	20	Near-repdigit
199	$1243 \cdot 2^{5686715} - 1$	1711875	L1828	16	
200	$25 \cdot 2^{5658915} - 1$	1703505	L1884	21	
201	$41 \cdot 2^{5651731} + 1$	1701343	L1204	20	
202	$3060772^{262144} + 1$	1700222	L4649	17	Generalized Fermat
203	$9 \cdot 2^{5642513} + 1$	1698567	L3432	13	
204	$10 \cdot 3^{3550446} + 1$	1693995	L4965	20	
205	$2622 \cdot 11^{1621920} - 1$	1689060	L2054	15	
206	$2676404^{262144} + 1$	1684945	L4591	17	Generalized Fermat
207	$301562 \cdot 5^{2408646} - 1$	1683577	L4675	17	
208	$2611294^{262144} + 1$	1682141	L4250	17	Generalized Fermat
209	$171362 \cdot 5^{2400996} - 1$	1678230	L4669	17	
210	$2514168^{262144} + 1$	1677825	L4564	17	Generalized Fermat
211	$31 \cdot 2^{5560820} + 1$	1673976	L1204	20	Divides $GF(5560819, 6)$

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212	$13 \cdot 2^{5523860} + 1$	1662849	L1204	20	Divides Fermat $F(5523858)$
213	$252191 \cdot 2^{5497878} - 1$	1655032	L3183	12	
214	$2042774^{262144} + 1$	1654187	L4499	16	Generalized Fermat
215	$1828858^{262144} + 1$	1641593	L4200	16	Generalized Fermat
216	$258317 \cdot 2^{5450519} + 1$	1640776	g414	08	
217	$7 \cdot 6^{2104746} + 1$	1637812	L4965	19	
218	$5 \cdot 2^{5429494} - 1$	1634442	L3345	17	
219	$43 \cdot 2^{5408183} - 1$	1628027	L1884	18	
220	$1615588^{262144} + 1$	1627477	L4200	16	Generalized Fermat
221	$1349 \cdot 2^{5385004} - 1$	1621051	L1828	17	
222	$1488256^{262144} + 1$	1618131	L4249	16	Generalized Fermat
223	$1415198^{262144} + 1$	1612400	L4308	16	Generalized Fermat
224	$45 \cdot 2^{5308037} + 1$	1597881	L4761	19	
225	$Phi(3, -1082083^{131072})$	1581846	L4506	17	Generalized unique
226	$180062 \cdot 5^{2249192} - 1$	1572123	L4435	16	
227	$124125 \cdot 6^{2018254} + 1$	1570512	L4001	19	
228	$27 \cdot 2^{5213635} + 1$	1569462	L3760	15	
229	$9992 \cdot 10^{1567410} - 1$	1567414	L4879	20	Near-repdigit
230	$Phi(3, -843575^{131072})$	1553498	L4506	17	Generalized unique
231	$25 \cdot 2^{5152151} - 1$	1550954	L1884	20	
232	$53546 \cdot 5^{2216664} - 1$	1549387	L4398	16	
233	$773620^{262144} + 1$	1543643	L3118	12	Generalized Fermat
234	$39 \cdot 2^{5119458} + 1$	1541113	L1204	19	
235	$607 \cdot 26^{1089034} + 1$	1540957	L4944	21	
236	$223 \cdot 2^{5105835} - 1$	1537012	L2484	19	
237	$99 \cdot 10^{1536527} - 1$	1536529	L4879	19	Near-repdigit
238	$992 \cdot 10^{1533933} - 1$	1533936	L4879	19	Near-repdigit
239	$51 \cdot 2^{5085142} - 1$	1530782	L760	14	
240	$3 \cdot 2^{5082306} + 1$	1529928	L780	09	Divides $GF(5082303, 3)$, $GF(5082305, 5)$
241	$676754^{262144} + 1$	1528413	L2975	12	Generalized Fermat
242	$296024 \cdot 5^{2185270} - 1$	1527444	L671	16	
243	$5359 \cdot 2^{5054502} + 1$	1521561	SB6	03	
244	$13 \cdot 2^{4998362} + 1$	1504659	L3917	14	
245	$525094^{262144} + 1$	1499526	p338	12	Generalized Fermat
246	$92158 \cdot 5^{2145024} + 1$	1499313	L4348	16	
247	$499238 \cdot 10^{1497714} - 1$	1497720	L4976	19	Generalized Woodall
248	$77072 \cdot 5^{2139921} + 1$	1495746	L4340	16	
249	$2 \cdot 3^{3123036} + 1$	1490068	L5043	20	
250	$306398 \cdot 5^{2112410} - 1$	1476517	L4274	16	
251	$265711 \cdot 2^{4858008} + 1$	1462412	g414	08	
252	$154222 \cdot 5^{2091432} + 1$	1461854	L3523	15	
253	$1271 \cdot 2^{4850526} - 1$	1460157	L1828	12	
254	$Phi(3, -362978^{131072})$	1457490	p379	15	Generalized unique
255	$361658^{262144} + 1$	1457075	p332	11	Generalized Fermat
256	$100186 \cdot 5^{2079747} - 1$	1453686	L4197	15	
257	$15 \cdot 2^{4800315} + 1$	1445040	L1754	19	Divides $GF(4800313, 3)$, $GF(4800310, 5)$

rank	description	digits	who	year	comment
258	$2^{4792057} - 2^{2396029} + 1$	1442553	L3839	14	Gaussian Mersenne norm 40?, generalized unique
259	$92 \cdot 10^{1439761} - 1$	1439763	L4789	20	Near-repdigit
260	$653 \cdot 10^{1435026} - 1$	1435029	p355	14	
261	$188 \cdot 468^{535963} + 1$	1431156	L4832	19	
262	$100 \cdot 406^{543228} + 1$	1417027	L4944	20	Generalized Fermat
263	$1229 \cdot 2^{4703492} - 1$	1415896	L1828	18	
264	$144052 \cdot 5^{2018290} + 1$	1410730	L4146	15	
265	$195 \cdot 2^{4685711} - 1$	1410542	L5175	21	
266	$9 \cdot 2^{4683555} - 1$	1409892	L1828	12	
267	$31 \cdot 2^{4673544} + 1$	1406879	L4990	19	
268	$34 \cdot 993^{469245} + 1$	1406305	L4806	18	
269	$79 \cdot 2^{4658115} - 1$	1402235	L1884	18	
270	$39 \cdot 2^{4657951} + 1$	1402185	L1823	19	
271	$11 \cdot 2^{4643238} - 1$	1397755	L2484	14	
272	$68 \cdot 995^{465908} - 1$	1396712	L4001	17	
273	$7 \cdot 6^{1793775} + 1$	1395830	L4965	19	
274	$Phi(3, -192098^{131072})$	1385044	p379	15	Generalized unique
275	$27 \cdot 2^{4583717} - 1$	1379838	L2992	14	
276	$121 \cdot 2^{4553899} - 1$	1370863	L3023	12	
277	$27 \cdot 2^{4542344} - 1$	1367384	L1204	14	
278	$29 \cdot 2^{4532463} + 1$	1364409	L4988	19	
279	$4 \cdot 797^{468702} + 1$	1359920	L4548	17	Generalized Fermat
280	$145310^{262144} + 1$	1353265	p314	11	Generalized Fermat
281	$25 \cdot 2^{4481024} + 1$	1348925	L4364	19	Generalized Fermat
282	$2 \cdot 1283^{432757} + 1$	1345108	L4879	19	Divides $Phi(1283^{432757}, 2)$
283	$36772 \cdot 6^{1723287} - 1$	1340983	L1301	14	
284	$583854 \cdot 14^{1167708} - 1$	1338349	L4976	19	Generalized Woodall
285	$151 \cdot 2^{4424321} - 1$	1331856	L1884	16	
286	$195 \cdot 2^{4373994} - 1$	1316706	L5175	20	
287	$49 \cdot 2^{4365175} - 1$	1314051	L1959	17	
288	$49 \cdot 2^{4360869} - 1$	1312755	L1959	17	
289	$13 \cdot 2^{4333087} - 1$	1304391	L1862	18	
290	$353159 \cdot 2^{4331116} - 1$	1303802	L2408	11	
291	$23 \cdot 2^{4300741} + 1$	1294654	L4147	19	
292	$682156 \cdot 79^{682156} + 1$	1294484	L4472	16	Generalized Cullen
293	$141941 \cdot 2^{4299438} - 1$	1294265	L689	11	
294	$2 \cdot 1151^{417747} + 1$	1278756	L4879	19	Divides $Phi(1151^{417747}, 2)$
295	$15 \cdot 2^{4246384} + 1$	1278291	L3432	13	Divides $GF(4246381, 6)$
296	$3 \cdot 2^{4235414} - 1$	1274988	L606	08	
297	$2 \cdot 1259^{411259} + 1$	1274914	L4879	20	Divides $Phi(1259^{411259}, 2)$
298	$45 \cdot 436^{481613} + 1$	1271213	L4944	20	
299	$109208 \cdot 5^{1816285} + 1$	1269534	L3523	14	
300	$1091 \cdot 2^{4215518} - 1$	1269001	L1828	18	
301	$191 \cdot 2^{4203426} - 1$	1265360	L2484	12	
302	$1259 \cdot 2^{4196028} - 1$	1263134	L1828	16	
303	$325918 \cdot 5^{1803339} - 1$	1260486	L3567	14	
304	$133778 \cdot 5^{1785689} + 1$	1248149	L3903	14	

rank	description	digits	who	year	comment
305	$17 \cdot 2^{4107544} - 1$	1236496	L4113	15	
306	$24032 \cdot 5^{1768249} + 1$	1235958	L3925	14	
307	$172 \cdot 159^{561319} - 1$	1235689	L4001	17	
308	$97 \cdot 2^{4066717} - 1$	1224206	L2484	19	
309	$1031 \cdot 2^{4054974} - 1$	1220672	L1828	17	
310	$37 \cdot 2^{4046360} + 1$	1218078	L2086	19	
311	$39653 \cdot 430^{460397} - 1$	1212446	L4187	16	
312	$40734^{262144} + 1$	1208473	p309	11	Generalized Fermat
313	$9 \cdot 2^{4005979} - 1$	1205921	L1828	12	
314	$12 \cdot 68^{656921} + 1$	1203815	L4001	16	
315	$67 \cdot 688^{423893} + 1$	1202836	L4001	17	
316	$1993191 \cdot 2^{3986382} - 1$	1200027	L3532	15	Generalized Woodall
317	$138172 \cdot 5^{1714207} - 1$	1198185	L3904	14	
318	$Phi(3, -1202113^{98304})$	1195366	L4506	16	Generalized unique
319	$29 \cdot 2^{3964697} + 1$	1193495	L1204	19	
320	$39 \cdot 2^{3961129} + 1$	1192421	L1486	19	
321	$Phi(3, -1110815^{98304})$	1188622	L4506	16	Generalized unique
322	$22478 \cdot 5^{1675150} - 1$	1170884	L3903	14	
323	$1199 \cdot 2^{3889576} - 1$	1170883	L1828	18	
324	$298989 \cdot 2^{3886857} + 1$	1170067	L2777	14	Generalized Cullen
325	$94 \cdot 872^{397354} + 1$	1168428	L4944	19	
326	$27 \cdot 2^{3855094} - 1$	1160501	L3033	12	
327	$164 \cdot 978^{387920} - 1$	1160015	L4700	18	
328	$49 \cdot 2^{3837090} + 1$	1155081	L4979	19	Generalized Fermat
329	$2 \cdot 839^{394257} + 1$	1152714	L4879	19	Divides $Phi(839^{394257}, 2)$
330	$30 \cdot 514^{424652} - 1$	1151218	L4001	17	
331	$24518^{262144} + 1$	1150678	g413	08	Generalized Fermat
332	$Phi(3, -700219^{98304})$	1149220	L4506	16	Generalized unique
333	$241 \cdot 2^{3815727} - 1$	1148651	L2484	19	
334	$109 \cdot 980^{383669} - 1$	1147643	L4001	18	
335	$123547 \cdot 2^{3804809} - 1$	1145367	L2371	11	
336	$2564 \cdot 75^{610753} + 1$	1145203	L3610	14	
337	$Phi(3, -660955^{98304})$	1144293	L4506	16	Generalized unique
338	$166 \cdot 443^{432000} + 1$	1143249	L4944	20	
339	$326834 \cdot 5^{1634978} - 1$	1142807	L3523	14	
340	$43 \cdot 182^{502611} - 1$	1135939	L4064	20	
341	$415267 \cdot 2^{3771929} - 1$	1135470	L2373	11	
342	$11 \cdot 2^{3771821} + 1$	1135433	p286	13	
343	$265 \cdot 2^{3765189} - 1$	1133438	L2484	18	
344	$938237 \cdot 2^{3752950} - 1$	1129757	L521	07	Woodall
345	$399866798^{131072} + 1$	1127471	L4964	19	Generalized Fermat
346	$207394 \cdot 5^{1612573} - 1$	1127146	L3869	14	
347	$684 \cdot 10^{1127118} + 1$	1127121	L4036	17	
348	$Phi(3, -535386^{98304})$	1126302	L4506	16	Generalized unique
349	$104944 \cdot 5^{1610735} - 1$	1125861	L3849	14	
350	$23451 \cdot 2^{3739388} + 1$	1125673	L591	15	
351	$25 \cdot 2^{3733144} + 1$	1123790	L2125	19	Generalized Fermat
352	$2 \cdot 1103^{368361} + 1$	1120767	L4879	19	Divides $Phi(1103^{368361}, 2)$

rank	description	digits	who	year	comment
353	$2 \cdot 131^{528469} + 1$	1118913	L4879	19	Divides $\Phi(131^{528469}, 2)$
354	$2^{3704053} + 2^{1852027} + 1$	1115032	L3839	14	Gaussian Mersenne norm 39?, generalized unique
355	$314187728^{131072} + 1$	1113744	L4704	19	Generalized Fermat
356	$119 \cdot 2^{3698412} - 1$	1113336	L2484	18	
357	$330286 \cdot 5^{1584399} - 1$	1107453	L3523	14	
358	$34 \cdot 951^{371834} - 1$	1107391	L4944	19	
359	$45 \cdot 2^{3677787} + 1$	1107126	L1204	19	
360	$13 \cdot 2^{3675223} - 1$	1106354	L1862	16	
361	$271643232^{131072} + 1$	1105462	L4704	19	Generalized Fermat
362	$15 \cdot 2^{3668194} - 1$	1104238	L3665	13	
363	$13 \cdot 2^{3664703} - 1$	1103187	L1862	16	
364	$\Phi(3, -406515^{98304})$	1102790	L4506	16	Generalized unique
365	$118 \cdot 892^{373012} + 1$	1100524	L5071	20	
366	$33300 \cdot 430^{417849} - 1$	1100397	L4393	16	
367	$33 \cdot 2^{3649810} + 1$	1098704	L4958	19	
368	$989 \cdot 2^{3640585} + 1$	1095929	L5115	20	
369	$567 \cdot 2^{3639287} + 1$	1095538	L4959	19	
370	$639 \cdot 2^{3635707} + 1$	1094460	L1823	19	
371	$753 \cdot 2^{3631472} + 1$	1093185	L1823	19	
372	$65531 \cdot 2^{3629342} - 1$	1092546	L2269	11	
373	$1121 \cdot 2^{3629201} + 1$	1092502	L4761	19	
374	$215 \cdot 2^{3628962} - 1$	1092429	L2484	18	
375	$113 \cdot 2^{3628034} - 1$	1092150	L2484	14	
376	$1175 \cdot 2^{3627541} + 1$	1092002	L4840	19	
377	$2 \cdot 431^{414457} + 1$	1091878	L4879	19	Divides $\Phi(431^{414457}, 2)$
378	$951 \cdot 2^{3623185} + 1$	1090691	L1823	19	
379	$29 \cdot 920^{367810} - 1$	1090113	L4064	15	
380	$14641 \cdot 2^{3618876} + 1$	1089395	L181	18	Generalized Fermat
381	$485 \cdot 2^{3618563} + 1$	1089299	L3924	19	
382	$95 \cdot 2^{3614033} + 1$	1087935	L1474	19	
383	$1005 \cdot 2^{3612300} + 1$	1087414	L1823	19	
384	$861 \cdot 2^{3611815} + 1$	1087268	L1745	19	
385	$1087 \cdot 2^{3611476} + 1$	1087166	L4834	19	
386	$485767 \cdot 2^{3609357} - 1$	1086531	L622	08	
387	$675 \cdot 2^{3606447} + 1$	1085652	L3278	19	
388	$669 \cdot 2^{3606266} + 1$	1085598	L1675	19	
389	$65077 \cdot 2^{3605944} + 1$	1085503	L4685	20	
390	$851 \cdot 2^{3604395} + 1$	1085034	L2125	19	
391	$1143 \cdot 2^{3602429} + 1$	1084443	L4754	19	
392	$1183 \cdot 2^{3601898} + 1$	1084283	L1823	19	
393	$189 \cdot 2^{3596375} + 1$	1082620	L3760	16	
394	$1089 \cdot 2^{3593267} + 1$	1081685	L3035	19	
395	$1101 \cdot 2^{3589103} + 1$	1080431	L1823	19	
396	$35 \cdot 2^{3587843} + 1$	1080050	L1979	14	Divides $GF(3587841, 5)$
397	$275 \cdot 2^{3585539} + 1$	1079358	L3803	16	
398	$2 \cdot 59^{608685} + 1$	1077892	g427	14	Divides $\Phi(59^{608685}, 2)$
399	$651 \cdot 2^{3579843} + 1$	1077643	L3035	18	

rank	description	digits	who	year	comment
400	$583 \cdot 2^{3578402} + 1$	1077210	L3035	18	
401	$309 \cdot 2^{3577339} + 1$	1076889	L4406	16	
402	$1185 \cdot 2^{3574583} + 1$	1076060	L4851	18	
403	$251 \cdot 2^{3574535} + 1$	1076045	L3035	16	
404	$1019 \cdot 2^{3571635} + 1$	1075173	L1823	18	
405	$119 \cdot 2^{3571416} - 1$	1075106	L2484	18	
406	$35 \cdot 2^{3570777} + 1$	1074913	L2891	14	
407	$33 \cdot 2^{3570132} + 1$	1074719	L2552	14	
408	$5 \cdot 2^{3569154} - 1$	1074424	L503	09	
409	$81 \cdot 492^{399095} - 1$	1074352	L4001	15	
410	$22934 \cdot 5^{1536762} - 1$	1074155	L3789	14	
411	$265 \cdot 2^{3564373} - 1$	1072986	L2484	18	
412	$771 \cdot 2^{3564109} + 1$	1072907	L2125	18	
413	$381 \cdot 2^{3563676} + 1$	1072776	L4190	16	
414	$555 \cdot 2^{3563328} + 1$	1072672	L4850	18	
415	$1183 \cdot 2^{3560584} + 1$	1071846	L1823	18	
416	$415 \cdot 2^{3559614} + 1$	1071554	L3035	16	
417	$1103 \cdot 2^{3558176} - 1$	1071121	L1828	18	
418	$1379 \cdot 2^{3557072} - 1$	1070789	L1828	18	
419	$681 \cdot 2^{3553141} + 1$	1069605	L3035	18	
420	$599 \cdot 2^{3551793} + 1$	1069200	L3824	18	
421	$621 \cdot 2^{3551472} + 1$	1069103	L4687	18	
422	$773 \cdot 2^{3550373} + 1$	1068772	L1808	18	
423	$1199 \cdot 2^{3548380} - 1$	1068172	L1828	18	
424	$191 \cdot 2^{3548117} + 1$	1068092	L4203	15	
425	$867 \cdot 2^{3547711} + 1$	1067971	L4155	18	
426	$\text{Phi}(3, 3^{1118781} + 1)/3$	1067588	L3839	14	Generalized unique
427	$351 \cdot 2^{3545752} + 1$	1067381	L4082	16	
428	$93 \cdot 2^{3544744} + 1$	1067077	L1728	14	
429	$1159 \cdot 2^{3543702} + 1$	1066764	L1823	18	
430	$178658 \cdot 5^{1525224} - 1$	1066092	L3789	14	
431	$1085 \cdot 2^{3539671} + 1$	1065551	L3035	18	
432	$465 \cdot 2^{3536871} + 1$	1064707	L4459	16	
433	$1019 \cdot 2^{3536312} - 1$	1064539	L1828	12	
434	$1179 \cdot 2^{3534450} + 1$	1063979	L3035	18	
435	$447 \cdot 2^{3533656} + 1$	1063740	L4457	16	
436	$1059 \cdot 2^{3533550} + 1$	1063708	L1823	18	
437	$345 \cdot 2^{3532957} + 1$	1063529	L4314	16	
438	$553 \cdot 2^{3532758} + 1$	1063469	L1823	18	
439	$141 \cdot 2^{3529287} + 1$	1062424	L4185	15	
440	$13 \cdot 2^{3527315} - 1$	1061829	L1862	16	
441	$1393 \cdot 2^{3525571} - 1$	1061306	L1828	17	
442	$1071 \cdot 2^{3523944} + 1$	1060816	L1675	18	
443	$329 \cdot 2^{3518451} + 1$	1059162	L1823	16	
444	$135 \cdot 2^{3518338} + 1$	1059128	L4045	15	
445	$2 \cdot 10^{1059002} - 1$	1059003	L3432	13	Near-repdigit
446	$64 \cdot 10^{1058794} + 1$	1058796	L4036	17	Generalized Fermat
447	$599 \cdot 2^{3515959} + 1$	1058412	L1823	18	

rank	description	digits	who	year	comment
448	$7 \cdot 2^{3511774} + 1$	1057151	p236	08	Divides $GF(3511773, 6)$
449	$1135 \cdot 2^{3510890} + 1$	1056887	L1823	18	
450	$428639 \cdot 2^{3506452} - 1$	1055553	L2046	11	
451	$104 \cdot 383^{408249} + 1$	1054591	L2012	21	
452	$555 \cdot 2^{3502765} + 1$	1054441	L1823	18	
453	$643 \cdot 2^{3501974} + 1$	1054203	L1823	18	
454	$2 \cdot 23^{774109} + 1$	1054127	g427	14	Divides $Phi(23^{774109}, 2)$
455	$1159 \cdot 2^{3501490} + 1$	1054057	L2125	18	
456	$1189 \cdot 2^{3499042} + 1$	1053320	L4724	18	
457	$609 \cdot 2^{3497474} + 1$	1052848	L1823	18	
458	$9 \cdot 2^{3497442} + 1$	1052836	L1780	12	Generalized Fermat, divides $GF(3497441, 10)$
459	$87 \cdot 2^{3496188} + 1$	1052460	L1576	14	
460	$783 \cdot 2^{3494129} + 1$	1051841	L3824	18	
461	$51 \cdot 2^{3490971} + 1$	1050889	L1823	14	
462	$753 \cdot 2^{3488818} + 1$	1050242	L1823	18	
463	$699 \cdot 2^{3487253} + 1$	1049771	L1204	18	
464	$249 \cdot 2^{3486411} + 1$	1049517	L4045	15	
465	$195 \cdot 2^{3486379} + 1$	1049507	L4108	15	
466	$59912 \cdot 5^{1500861} + 1$	1049062	L3772	14	
467	$495 \cdot 2^{3484656} + 1$	1048989	L3035	16	
468	$323 \cdot 2^{3482789} + 1$	1048427	L1204	16	
469	$1149 \cdot 2^{3481694} + 1$	1048098	L1823	18	
470	$701 \cdot 2^{3479779} + 1$	1047521	L2125	18	
471	$813 \cdot 2^{3479728} + 1$	1047506	L4724	18	
472	$197 \cdot 2^{3477399} + 1$	1046804	L2125	15	
473	$491 \cdot 2^{3473837} + 1$	1045732	L4343	16	
474	$1061 \cdot 2^{3471354} - 1$	1044985	L1828	17	
475	$641 \cdot 2^{3464061} + 1$	1042790	L1444	18	
476	$453 \cdot 2^{3461688} + 1$	1042075	L3035	16	
477	$88760062^{131072} + 1$	1041789	L4903	21	Generalized Fermat
478	$571 \cdot 2^{3460216} + 1$	1041632	L3035	18	
479	$88243020^{131072} + 1$	1041457	L4774	21	Generalized Fermat
480	$88166868^{131072} + 1$	1041408	L5277	21	Generalized Fermat
481	$88068088^{131072} + 1$	1041344	L4933	21	Generalized Fermat
482	$87920992^{131072} + 1$	1041249	L4249	21	Generalized Fermat
483	$87547832^{131072} + 1$	1041006	L4591	21	Generalized Fermat
484	$87454694^{131072} + 1$	1040946	L4672	21	Generalized Fermat
485	$87370574^{131072} + 1$	1040891	L5297	21	Generalized Fermat
486	$87352356^{131072} + 1$	1040879	L4387	21	Generalized Fermat
487	$87268788^{131072} + 1$	1040825	L4917	21	Generalized Fermat
488	$87192538^{131072} + 1$	1040775	L4861	21	Generalized Fermat
489	$87116452^{131072} + 1$	1040725	L5297	21	Generalized Fermat
490	$87039658^{131072} + 1$	1040675	L5297	21	Generalized Fermat
491	$86829162^{131072} + 1$	1040537	L5265	21	Generalized Fermat
492	$86413544^{131072} + 1$	1040264	L4914	21	Generalized Fermat
493	$86347638^{131072} + 1$	1040221	L4848	21	Generalized Fermat
494	$86295564^{131072} + 1$	1040186	L5030	21	Generalized Fermat

rank	description	digits	who	year	comment
495	$1155 \cdot 2^{3455254} + 1$	1040139	L4711	17	
496	$37292 \cdot 5^{1487989} + 1$	1040065	L3553	13	
497	$86060696^{131072} + 1$	1040031	L5057	21	Generalized Fermat
498	$85115888^{131072} + 1$	1039403	L4909	21	Generalized Fermat
499	$84924212^{131072} + 1$	1039275	L4309	21	Generalized Fermat
500	$84817722^{131072} + 1$	1039203	L4726	21	Generalized Fermat
501	$84765338^{131072} + 1$	1039168	L4245	21	Generalized Fermat
502	$84757790^{131072} + 1$	1039163	L5051	21	Generalized Fermat
503	$84723284^{131072} + 1$	1039140	L5051	21	Generalized Fermat
504	$84715930^{131072} + 1$	1039135	L4963	21	Generalized Fermat
505	$84679936^{131072} + 1$	1039111	L4864	21	Generalized Fermat
506	$84445014^{131072} + 1$	1038952	L4909	21	Generalized Fermat
507	$84384358^{131072} + 1$	1038912	L4622	21	Generalized Fermat
508	$84149050^{131072} + 1$	1038753	L5033	21	Generalized Fermat
509	$83364886^{131072} + 1$	1038220	L4591	21	Generalized Fermat
510	$83328182^{131072} + 1$	1038195	L5051	21	Generalized Fermat
511	$1273 \cdot 2^{3448551} - 1$	1038121	L1828	12	
512	$83003850^{131072} + 1$	1037973	L4963	21	Generalized Fermat
513	$1065 \cdot 2^{3447906} + 1$	1037927	L4664	17	
514	$1155 \cdot 2^{3446253} + 1$	1037429	L3035	17	
515	$82008736^{131072} + 1$	1037286	L4963	21	Generalized Fermat
516	$82003030^{131072} + 1$	1037282	L4410	21	Generalized Fermat
517	$81976506^{131072} + 1$	1037264	L4249	21	Generalized Fermat
518	$81477176^{131072} + 1$	1036916	L4245	20	Generalized Fermat
519	$81444036^{131072} + 1$	1036893	L4245	20	Generalized Fermat
520	$81096098^{131072} + 1$	1036649	L4249	20	Generalized Fermat
521	[Long prime 521]	1036620	p384	15	
522	$943 \cdot 2^{3442990} + 1$	1036447	L4687	17	
523	$80284312^{131072} + 1$	1036076	L5051	20	Generalized Fermat
524	$80146408^{131072} + 1$	1035978	L5051	20	Generalized Fermat
525	$79912550^{131072} + 1$	1035812	L5186	20	Generalized Fermat
526	$79801426^{131072} + 1$	1035733	L4245	20	Generalized Fermat
527	$79789806^{131072} + 1$	1035725	L4658	20	Generalized Fermat
528	$943 \cdot 2^{3440196} + 1$	1035606	L1448	17	
529	$79485098^{131072} + 1$	1035507	L5130	20	Generalized Fermat
530	$79428414^{131072} + 1$	1035466	L4793	20	Generalized Fermat
531	$79383608^{131072} + 1$	1035434	L4387	20	Generalized Fermat
532	$79201682^{131072} + 1$	1035303	L5051	20	Generalized Fermat
533	$543 \cdot 2^{3438810} + 1$	1035188	L3035	17	
534	$625 \cdot 2^{3438572} + 1$	1035117	L1355	17	Generalized Fermat
535	$78910032^{131072} + 1$	1035093	L5051	20	Generalized Fermat
536	$78880690^{131072} + 1$	1035072	L5159	20	Generalized Fermat
537	$78851276^{131072} + 1$	1035051	L4928	20	Generalized Fermat
538	$78714954^{131072} + 1$	1034953	L5130	20	Generalized Fermat
539	$74 \cdot 941^{348034} - 1$	1034913	L4944	20	
540	$78439440^{131072} + 1$	1034753	L5051	20	Generalized Fermat
541	$113 \cdot 2^{3437145} + 1$	1034686	L4045	15	
542	$78240016^{131072} + 1$	1034608	L4245	20	Generalized Fermat

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543	$78089172^{131072} + 1$	1034498	L4245	20	Generalized Fermat
544	$77924964^{131072} + 1$	1034378	L5051	20	Generalized Fermat
545	$77918854^{131072} + 1$	1034374	L4760	20	Generalized Fermat
546	$1147 \cdot 2^{3435970} + 1$	1034334	L3035	17	
547	$77469882^{131072} + 1$	1034045	L4591	20	Generalized Fermat
548	$77281404^{131072} + 1$	1033906	L4963	20	Generalized Fermat
549	$911 \cdot 2^{3432643} + 1$	1033332	L1355	17	
550	$76416048^{131072} + 1$	1033265	L4672	20	Generalized Fermat
551	$76026988^{131072} + 1$	1032975	L5094	20	Generalized Fermat
552	$76018874^{131072} + 1$	1032969	L4774	20	Generalized Fermat
553	$75861530^{131072} + 1$	1032851	L5053	20	Generalized Fermat
554	$75647276^{131072} + 1$	1032690	L4677	20	Generalized Fermat
555	$75521414^{131072} + 1$	1032595	L4584	20	Generalized Fermat
556	$74833516^{131072} + 1$	1032074	L5102	20	Generalized Fermat
557	$74817490^{131072} + 1$	1032062	L4591	20	Generalized Fermat
558	$74396818^{131072} + 1$	1031741	L4791	20	Generalized Fermat
559	$74381296^{131072} + 1$	1031729	L4550	20	Generalized Fermat
560	$74363146^{131072} + 1$	1031715	L4898	20	Generalized Fermat
561	$1127 \cdot 2^{3427219} + 1$	1031699	L3035	17	
562	$74325990^{131072} + 1$	1031687	L5024	20	Generalized Fermat
563	$73839292^{131072} + 1$	1031313	L4550	20	Generalized Fermat
564	$159 \cdot 2^{3425766} + 1$	1031261	L4045	15	
565	$73690464^{131072} + 1$	1031198	L4884	20	Generalized Fermat
566	$73404316^{131072} + 1$	1030976	L5011	20	Generalized Fermat
567	$73160610^{131072} + 1$	1030787	L4550	20	Generalized Fermat
568	$73132228^{131072} + 1$	1030765	L4905	20	Generalized Fermat
569	$73099962^{131072} + 1$	1030740	L5068	20	Generalized Fermat
570	$72602370^{131072} + 1$	1030351	L4201	20	Generalized Fermat
571	$1119 \cdot 2^{3422189} + 1$	1030185	L1355	17	
572	$72070092^{131072} + 1$	1029932	L4201	20	Generalized Fermat
573	$1005 \cdot 2^{3420846} + 1$	1029781	L2714	17	Divides $GF(3420844, 10)$
574	$71732900^{131072} + 1$	1029665	L5053	20	Generalized Fermat
575	$71679108^{131072} + 1$	1029623	L5072	20	Generalized Fermat
576	$93 \cdot 10^{1029523} - 1$	1029525	L4789	19	Near-repdigit
577	$71450224^{131072} + 1$	1029440	L5029	20	Generalized Fermat
578	$975 \cdot 2^{3419230} + 1$	1029294	L3545	17	
579	$999 \cdot 2^{3418885} + 1$	1029190	L3035	17	
580	$70960658^{131072} + 1$	1029049	L5039	20	Generalized Fermat
581	$70948704^{131072} + 1$	1029039	L4660	20	Generalized Fermat
582	$70934282^{131072} + 1$	1029028	L5067	20	Generalized Fermat
583	$70893680^{131072} + 1$	1028995	L5063	20	Generalized Fermat
584	$907 \cdot 2^{3417890} + 1$	1028891	L3035	17	
585	$191249 \cdot 2^{3417696} - 1$	1028835	L1949	10	
586	$70658696^{131072} + 1$	1028806	L5051	20	Generalized Fermat
587	$70421038^{131072} + 1$	1028615	L4984	20	Generalized Fermat
588	$70050828^{131072} + 1$	1028315	L5021	20	Generalized Fermat
589	$70022042^{131072} + 1$	1028291	L4201	20	Generalized Fermat
590	$69915032^{131072} + 1$	1028204	L4591	20	Generalized Fermat

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591	$69742382^{131072} + 1$	1028063	L5053	20	Generalized Fermat
592	$69689592^{131072} + 1$	1028020	L4387	20	Generalized Fermat
593	$69622572^{131072} + 1$	1027965	L4909	20	Generalized Fermat
594	$69565722^{131072} + 1$	1027919	L4387	20	Generalized Fermat
595	$69534788^{131072} + 1$	1027894	L5029	20	Generalized Fermat
596	$68999820^{131072} + 1$	1027454	L5044	20	Generalized Fermat
597	$68924112^{131072} + 1$	1027391	L4745	20	Generalized Fermat
598	$68918852^{131072} + 1$	1027387	L5021	20	Generalized Fermat
599	$68811158^{131072} + 1$	1027298	L4245	20	Generalized Fermat
600	$479 \cdot 2^{3411975} + 1$	1027110	L2873	16	
601	$245 \cdot 2^{3411973} + 1$	1027109	L1935	15	
602	$177 \cdot 2^{3411847} + 1$	1027071	L4031	15	
603	$68536972^{131072} + 1$	1027071	L5027	20	Generalized Fermat
604	$68372810^{131072} + 1$	1026934	L4956	20	Generalized Fermat
605	$68275006^{131072} + 1$	1026853	L4963	20	Generalized Fermat
606	$67894288^{131072} + 1$	1026535	L5025	20	Generalized Fermat
607	$113 \cdot 2^{3409934} - 1$	1026495	L2484	14	
608	$67725850^{131072} + 1$	1026393	L5029	20	Generalized Fermat
609	$67371416^{131072} + 1$	1026094	L4550	20	Generalized Fermat
610	$59 \cdot 2^{3408416} - 1$	1026038	L426	10	
611	$66982940^{131072} + 1$	1025765	L4249	20	Generalized Fermat
612	$66901180^{131072} + 1$	1025696	L5018	20	Generalized Fermat
613	$953 \cdot 2^{3405729} + 1$	1025230	L3035	17	
614	$66272848^{131072} + 1$	1025159	L5013	20	Generalized Fermat
615	$66131722^{131072} + 1$	1025037	L4530	20	Generalized Fermat
616	$373 \cdot 2^{3404702} + 1$	1024921	L3924	16	
617	$65791182^{131072} + 1$	1024743	L4623	19	Generalized Fermat
618	$833 \cdot 2^{3403765} + 1$	1024639	L3035	17	
619	$65569854^{131072} + 1$	1024552	L4210	19	Generalized Fermat
620	$65305572^{131072} + 1$	1024322	L5001	19	Generalized Fermat
621	$65200798^{131072} + 1$	1024230	L4999	19	Generalized Fermat
622	$64911056^{131072} + 1$	1023977	L4870	19	Generalized Fermat
623	$64791668^{131072} + 1$	1023872	L4905	19	Generalized Fermat
624	$24 \cdot 414^{391179} + 1$	1023717	L4273	16	
625	$64568930^{131072} + 1$	1023676	L4977	19	Generalized Fermat
626	$64506894^{131072} + 1$	1023621	L4977	19	Generalized Fermat
627	$64476916^{131072} + 1$	1023595	L4997	19	Generalized Fermat
628	$1167 \cdot 2^{3399748} + 1$	1023430	L3545	17	
629	$64024604^{131072} + 1$	1023194	L4591	19	Generalized Fermat
630	$63823568^{131072} + 1$	1023015	L4585	19	Generalized Fermat
631	$611 \cdot 2^{3398273} + 1$	1022985	L3035	17	
632	$4 \cdot 3^{2143374} + 1$	1022650	L4965	20	Generalized Fermat
633	$63168480^{131072} + 1$	1022428	L4861	19	Generalized Fermat
634	$63165756^{131072} + 1$	1022425	L4987	19	Generalized Fermat
635	$63112418^{131072} + 1$	1022377	L4201	19	Generalized Fermat
636	$255 \cdot 2^{3395661} + 1$	1022199	L3898	14	
637	$1049 \cdot 2^{3395647} + 1$	1022195	L3035	17	
638	$342924651 \cdot 2^{3394939} - 1$	1021988	L4166	17	

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639	$62276102^{131072} + 1$	1021618	L4715	19	Generalized Fermat
640	$555 \cdot 2^{3393389} + 1$	1021515	L2549	17	
641	$62146946^{131072} + 1$	1021500	L4720	19	Generalized Fermat
642	$61837354^{131072} + 1$	1021215	L4656	19	Generalized Fermat
643	$609 \cdot 2^{3392301} + 1$	1021188	L3035	17	
644	$303 \cdot 2^{3391977} + 1$	1021090	L2602	16	
645	$805 \cdot 2^{3391818} + 1$	1021042	L4609	17	
646	$67 \cdot 2^{3391385} - 1$	1020911	L1959	14	
647	$61267078^{131072} + 1$	1020688	L4923	19	Generalized Fermat
648	$663 \cdot 2^{3390469} + 1$	1020636	L4316	17	
649	$61030988^{131072} + 1$	1020468	L4898	19	Generalized Fermat
650	$60642326^{131072} + 1$	1020104	L4591	19	Generalized Fermat
651	$3329 \cdot 2^{3388472} - 1$	1020036	L4841	20	
652	$60540024^{131072} + 1$	1020008	L4591	19	Generalized Fermat
653	$60455792^{131072} + 1$	1019929	L4760	19	Generalized Fermat
654	$60133106^{131072} + 1$	1019624	L4942	19	Generalized Fermat
655	$453 \cdot 2^{3387048} + 1$	1019606	L2602	16	
656	$59720358^{131072} + 1$	1019232	L4656	19	Generalized Fermat
657	$59692546^{131072} + 1$	1019206	L4747	19	Generalized Fermat
658	$59515830^{131072} + 1$	1019037	L4737	19	Generalized Fermat
659	$173198 \cdot 5^{1457792} - 1$	1018959	L3720	13	
660	$59405420^{131072} + 1$	1018931	L4645	19	Generalized Fermat
661	$59362002^{131072} + 1$	1018890	L4249	19	Generalized Fermat
662	$59305348^{131072} + 1$	1018835	L4932	19	Generalized Fermat
663	$59210784^{131072} + 1$	1018745	L4926	19	Generalized Fermat
664	$59161754^{131072} + 1$	1018697	L4928	19	Generalized Fermat
665	$58589880^{131072} + 1$	1018145	L4923	19	Generalized Fermat
666	$58523466^{131072} + 1$	1018080	L4802	19	Generalized Fermat
667	$58447816^{131072} + 1$	1018006	L4591	19	Generalized Fermat
668	$58447642^{131072} + 1$	1018006	L4591	19	Generalized Fermat
669	$58247118^{131072} + 1$	1017811	L4309	19	Generalized Fermat
670	$1425 \cdot 2^{3379921} + 1$	1017461	L1134	20	
671	$57704312^{131072} + 1$	1017278	L4591	19	Generalized Fermat
672	$57694224^{131072} + 1$	1017268	L4656	19	Generalized Fermat
673	$57594734^{131072} + 1$	1017169	L4656	19	Generalized Fermat
674	$57438404^{131072} + 1$	1017015	L4745	19	Generalized Fermat
675	$621 \cdot 2^{3378148} + 1$	1016927	L3035	17	
676	$1093 \cdot 2^{3378000} + 1$	1016883	L4583	17	
677	$861 \cdot 2^{3377601} + 1$	1016763	L4582	17	
678	$56917336^{131072} + 1$	1016496	L4729	19	Generalized Fermat
679	$56735576^{131072} + 1$	1016314	L4760	19	Generalized Fermat
680	$56584816^{131072} + 1$	1016162	L4289	19	Generalized Fermat
681	$56459558^{131072} + 1$	1016036	L4892	19	Generalized Fermat
682	$56383242^{131072} + 1$	1015959	L4889	19	Generalized Fermat
683	$56307420^{131072} + 1$	1015883	L4843	19	Generalized Fermat
684	$208003! - 1$	1015843	p394	16	Factorial
685	$55645700^{131072} + 1$	1015210	L4745	19	Generalized Fermat
686	$55579418^{131072} + 1$	1015142	L4745	19	Generalized Fermat

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687	$55268442^{131072} + 1$	1014822	L4525	19	Generalized Fermat
688	$179 \cdot 2^{3371145} + 1$	1014819	L3763	14	
689	$55184170^{131072} + 1$	1014736	L4871	18	Generalized Fermat
690	$55015050^{131072} + 1$	1014561	L4205	18	Generalized Fermat
691	$839 \cdot 2^{3369383} + 1$	1014289	L2891	17	
692	$65 \cdot 2^{3369359} + 1$	1014280	L5236	21	
693	$677 \cdot 2^{3369115} + 1$	1014208	L2103	17	
694	$54548788^{131072} + 1$	1014076	L4726	18	Generalized Fermat
695	$715 \cdot 2^{3368210} + 1$	1013936	L4527	17	
696	$617 \cdot 2^{3368119} + 1$	1013908	L4552	17	
697	$54361742^{131072} + 1$	1013881	L4210	18	Generalized Fermat
698	$54334044^{131072} + 1$	1013852	L4745	18	Generalized Fermat
699	$54212352^{131072} + 1$	1013724	L4307	18	Generalized Fermat
700	$54206254^{131072} + 1$	1013718	L4249	18	Generalized Fermat
701	$777 \cdot 2^{3367372} + 1$	1013683	L4408	17	
702	$54161106^{131072} + 1$	1013670	L4307	18	Generalized Fermat
703	$54032538^{131072} + 1$	1013535	L4591	18	Generalized Fermat
704	$61 \cdot 2^{3366033} - 1$	1013279	L4405	17	
705	$369 \cdot 2^{3365614} + 1$	1013154	L4364	16	
706	$53659976^{131072} + 1$	1013141	L4823	18	Generalized Fermat
707	$53161266^{131072} + 1$	1012610	L4307	18	Generalized Fermat
708	$53078434^{131072} + 1$	1012521	L4835	18	Generalized Fermat
709	$533 \cdot 2^{3362857} + 1$	1012324	L3171	17	
710	$619 \cdot 2^{3362814} + 1$	1012311	L4527	17	
711	$2289 \cdot 2^{3362723} + 1$	1012284	L5161	21	
712	$7529 \cdot 2^{3362565} + 1$	1012237	L5161	21	
713	$7377 \cdot 2^{3362366} + 1$	1012177	L5161	21	
714	$4509 \cdot 2^{3362311} + 1$	1012161	L5324	21	
715	$7021 \cdot 2^{3362208} + 1$	1012130	L5178	21	
716	$52712138^{131072} + 1$	1012127	L4819	18	Generalized Fermat
717	$104 \cdot 873^{344135} - 1$	1012108	L4700	18	
718	$4953 \cdot 2^{3362054} + 1$	1012083	L5323	21	
719	$8575 \cdot 2^{3361798} + 1$	1012006	L5237	21	
720	$2139 \cdot 2^{3361706} + 1$	1011978	L5174	21	
721	$6939 \cdot 2^{3361203} + 1$	1011827	L5217	21	
722	$52412612^{131072} + 1$	1011802	L4289	18	Generalized Fermat
723	$3^{2120580} - 3^{623816} - 1$	1011774	CH9	19	
724	$8185 \cdot 2^{3360896} + 1$	1011735	L5189	21	
725	$2389 \cdot 2^{3360882} + 1$	1011730	L5317	21	
726	$2787 \cdot 2^{3360631} + 1$	1011655	L5197	21	
727	$6619 \cdot 2^{3360606} + 1$	1011648	L5316	21	
728	$2755 \cdot 2^{3360526} + 1$	1011623	L5174	21	
729	$1445 \cdot 2^{3360099} + 1$	1011494	L5261	21	
730	$8757 \cdot 2^{3359788} + 1$	1011401	L5197	21	
731	$52043532^{131072} + 1$	1011400	L4810	18	Generalized Fermat
732	$5085 \cdot 2^{3359696} + 1$	1011373	L5261	21	
733	$51954384^{131072} + 1$	1011303	L4720	18	Generalized Fermat
734	$6459 \cdot 2^{3359457} + 1$	1011302	L5310	21	

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735	$51872628^{131072} + 1$	1011213	L4591	18	Generalized Fermat
736	$6115 \cdot 2^{3358998} + 1$	1011163	L5309	21	
737	$7605 \cdot 2^{3358929} + 1$	1011143	L5308	21	
738	$2315 \cdot 2^{3358899} + 1$	1011133	L5197	21	
739	$6603 \cdot 2^{3358525} + 1$	1011021	L5307	21	
740	$51580416^{131072} + 1$	1010891	L4765	18	Generalized Fermat
741	$51570250^{131072} + 1$	1010880	L4591	18	Generalized Fermat
742	$51567684^{131072} + 1$	1010877	L4800	18	Generalized Fermat
743	$5893 \cdot 2^{3357490} + 1$	1010709	L5285	21	
744	$6947 \cdot 2^{3357075} + 1$	1010585	L5302	21	
745	$4621 \cdot 2^{3357068} + 1$	1010582	L5301	21	
746	$51269192^{131072} + 1$	1010547	L4795	18	Generalized Fermat
747	$1479 \cdot 2^{3356275} + 1$	1010343	L5178	21	
748	$3645 \cdot 2^{3356232} + 1$	1010331	L5296	21	
749	$1259 \cdot 2^{3356215} + 1$	1010325	L5298	21	
750	$2075 \cdot 2^{3356057} + 1$	1010278	L5174	21	
751	$4281 \cdot 2^{3356051} + 1$	1010276	L5295	21	
752	$1275 \cdot 2^{3356045} + 1$	1010274	L5294	21	
753	$50963598^{131072} + 1$	1010206	L4726	18	Generalized Fermat
754	$4365 \cdot 2^{3355770} + 1$	1010192	L5261	21	
755	$50844724^{131072} + 1$	1010074	L4656	18	Generalized Fermat
756	$2183 \cdot 2^{3355297} + 1$	1010049	L5266	21	
757	$3087 \cdot 2^{3355000} + 1$	1009960	L5226	21	
758	$8673 \cdot 2^{3354760} + 1$	1009888	L5233	21	
759	$50495632^{131072} + 1$	1009681	L4591	18	Generalized Fermat
760	$3015 \cdot 2^{3353943} + 1$	1009641	L5290	21	
761	$6819 \cdot 2^{3353877} + 1$	1009622	L5174	21	
762	$9 \cdot 10^{1009567} - 1$	1009568	L3735	16	Near-repdigit
763	$6393 \cdot 2^{3353366} + 1$	1009468	L5287	21	
764	$3573 \cdot 2^{3353273} + 1$	1009440	L5161	21	
765	$4047 \cdot 2^{3353222} + 1$	1009425	L5286	21	
766	$1473 \cdot 2^{3353114} + 1$	1009392	L5161	21	
767	$1183 \cdot 2^{3353058} + 1$	1009375	L3824	17	
768	$50217306^{131072} + 1$	1009367	L4720	18	Generalized Fermat
769	$81 \cdot 2^{3352924} + 1$	1009333	L1728	12	Generalized Fermat
770	$50110436^{131072} + 1$	1009245	L4591	18	Generalized Fermat
771	$50055102^{131072} + 1$	1009183	L4309	18	Generalized Fermat
772	$7123 \cdot 2^{3352180} + 1$	1009111	L5161	21	
773	$2757 \cdot 2^{3352180} + 1$	1009111	L5285	21	
774	$9307 \cdot 2^{3352014} + 1$	1009061	L5284	21	
775	$2217 \cdot 2^{3351732} + 1$	1008976	L5283	21	
776	$543 \cdot 2^{3351686} + 1$	1008961	L4198	17	
777	$4419 \cdot 2^{3351666} + 1$	1008956	L5279	21	
778	$49817700^{131072} + 1$	1008912	L4760	18	Generalized Fermat
779	$3059 \cdot 2^{3351379} + 1$	1008870	L5278	21	
780	$7789 \cdot 2^{3351046} + 1$	1008770	L5276	21	
781	$9501 \cdot 2^{3350668} + 1$	1008656	L5272	21	
782	$49530004^{131072} + 1$	1008582	L4591	18	Generalized Fermat

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783	$9691 \cdot 2^{3349952} + 1$	1008441	L5242	21	
784	$49397682^{131072} + 1$	1008430	L4764	18	Generalized Fermat
785	$3209 \cdot 2^{3349719} + 1$	1008370	L5269	21	
786	$49331672^{131072} + 1$	1008354	L4763	18	Generalized Fermat
787	$393 \cdot 2^{3349525} + 1$	1008311	L3101	16	
788	$49243622^{131072} + 1$	1008252	L4741	18	Generalized Fermat
789	$5487 \cdot 2^{3349303} + 1$	1008245	L5266	21	
790	$49225986^{131072} + 1$	1008232	L4757	18	Generalized Fermat
791	$2511 \cdot 2^{3349104} + 1$	1008185	L5264	21	
792	$7659 \cdot 2^{3348894} + 1$	1008122	L5263	21	
793	$9703 \cdot 2^{3348872} + 1$	1008115	L5262	21	
794	$49090656^{131072} + 1$	1008075	L4752	18	Generalized Fermat
795	$7935 \cdot 2^{3348578} + 1$	1008027	L5161	21	
796	$49038514^{131072} + 1$	1008015	L4743	18	Generalized Fermat
797	$7821 \cdot 2^{3348400} + 1$	1007973	L5260	21	
798	$7911 \cdot 2^{3347532} + 1$	1007712	L5250	21	
799	$8295 \cdot 2^{3347031} + 1$	1007561	L5249	21	
800	$48643706^{131072} + 1$	1007554	L4691	18	Generalized Fermat
801	$4029 \cdot 2^{3346729} + 1$	1007470	L5239	21	
802	$9007 \cdot 2^{3346716} + 1$	1007466	L5161	21	
803	$8865 \cdot 2^{3346499} + 1$	1007401	L5238	21	
804	$6171 \cdot 2^{3346480} + 1$	1007395	L5174	21	
805	$6815 \cdot 2^{3346045} + 1$	1007264	L5235	21	
806	$5 \cdot 326^{400785} + 1$	1007261	L4786	19	
807	$5951 \cdot 2^{3345977} + 1$	1007244	L5233	21	
808	$48370248^{131072} + 1$	1007234	L4701	18	Generalized Fermat
809	$1257 \cdot 2^{3345843} + 1$	1007203	L5192	21	
810	$4701 \cdot 2^{3345815} + 1$	1007195	L5192	21	
811	$48273828^{131072} + 1$	1007120	L4456	18	Generalized Fermat
812	$7545 \cdot 2^{3345355} + 1$	1007057	L5231	21	
813	$5559 \cdot 2^{3344826} + 1$	1006897	L5223	21	
814	$6823 \cdot 2^{3344692} + 1$	1006857	L5223	21	
815	$4839 \cdot 2^{3344453} + 1$	1006785	L5188	21	
816	$7527 \cdot 2^{3344332} + 1$	1006749	L5220	21	
817	$7555 \cdot 2^{3344240} + 1$	1006721	L5188	21	
818	$6265 \cdot 2^{3344080} + 1$	1006673	L5197	21	
819	$1299 \cdot 2^{3343943} + 1$	1006631	L5217	21	
820	$2815 \cdot 2^{3343754} + 1$	1006574	L5216	21	
821	$5349 \cdot 2^{3343734} + 1$	1006568	L5174	21	
822	$2863 \cdot 2^{3342920} + 1$	1006323	L5179	20	
823	$7387 \cdot 2^{3342848} + 1$	1006302	L5208	20	
824	$9731 \cdot 2^{3342447} + 1$	1006181	L5203	20	
825	$7725 \cdot 2^{3341708} + 1$	1005959	L5195	20	
826	$7703 \cdot 2^{3341625} + 1$	1005934	L5178	20	
827	$7047 \cdot 2^{3341482} + 1$	1005891	L5194	20	
828	$4839 \cdot 2^{3341309} + 1$	1005838	L5192	20	
829	$47179704^{131072} + 1$	1005815	L4673	17	Generalized Fermat
830	$47090246^{131072} + 1$	1005707	L4654	17	Generalized Fermat

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831	$8989 \cdot 2^{3340866} + 1$	1005705	L5189	20	
832	$6631 \cdot 2^{3340808} + 1$	1005688	L5188	20	
833	$1341 \cdot 2^{3340681} + 1$	1005649	L5188	20	
834	$733 \cdot 2^{3340464} + 1$	1005583	L3035	16	
835	$3679815 \cdot 2^{3340001} + 1$	1005448	L4922	19	
836	$57 \cdot 2^{3339932} - 1$	1005422	L3519	15	
837	$46776558^{131072} + 1$	1005326	L4659	17	Generalized Fermat
838	$46736070^{131072} + 1$	1005277	L4245	17	Generalized Fermat
839	$46730280^{131072} + 1$	1005270	L4656	17	Generalized Fermat
840	$3651 \cdot 2^{3339341} + 1$	1005246	L5177	20	
841	$3853 \cdot 2^{3339296} + 1$	1005232	L5178	20	
842	$8015 \cdot 2^{3339267} + 1$	1005224	L5176	20	
843	$3027 \cdot 2^{3339182} + 1$	1005198	L5174	20	
844	$9517 \cdot 2^{3339002} + 1$	1005144	L5172	20	
845	$4003 \cdot 2^{3338588} + 1$	1005019	L3035	20	
846	$6841 \cdot 2^{3338336} + 1$	1004944	L1474	20	
847	$2189 \cdot 2^{3338209} + 1$	1004905	L5031	20	
848	$46413358^{131072} + 1$	1004883	L4626	17	Generalized Fermat
849	$46385310^{131072} + 1$	1004848	L4622	17	Generalized Fermat
850	$46371508^{131072} + 1$	1004831	L4620	17	Generalized Fermat
851	$2957 \cdot 2^{3337667} + 1$	1004742	L5144	20	
852	$1515 \cdot 2^{3337389} + 1$	1004658	L1474	20	
853	$7933 \cdot 2^{3337270} + 1$	1004623	L4666	20	
854	$1251 \cdot 2^{3337116} + 1$	1004576	L4893	20	
855	$651 \cdot 2^{3337101} + 1$	1004571	L3260	16	
856	$46077492^{131072} + 1$	1004469	L4595	17	Generalized Fermat
857	$8397 \cdot 2^{3336654} + 1$	1004437	L5125	20	
858	$8145 \cdot 2^{3336474} + 1$	1004383	L5110	20	
859	$1087 \cdot 2^{3336385} - 1$	1004355	L1828	12	
860	$5325 \cdot 2^{3336120} + 1$	1004276	L2125	20	
861	$849 \cdot 2^{3335669} + 1$	1004140	L3035	16	
862	$8913 \cdot 2^{3335216} + 1$	1004005	L5079	20	
863	$7725 \cdot 2^{3335213} + 1$	1004004	L3035	20	
864	$611 \cdot 2^{3334875} + 1$	1003901	L3813	16	
865	$45570624^{131072} + 1$	1003840	L4295	17	Generalized Fermat
866	$403 \cdot 2^{3334410} + 1$	1003761	L4293	16	
867	$5491 \cdot 2^{3334392} + 1$	1003756	L4815	20	
868	$6035 \cdot 2^{3334341} + 1$	1003741	L2125	20	
869	$1725 \cdot 2^{3334341} + 1$	1003740	L2125	20	
870	$4001 \cdot 2^{3334031} + 1$	1003647	L1203	20	
871	$2315 \cdot 2^{3333969} + 1$	1003629	L2125	20	
872	$6219 \cdot 2^{3333810} + 1$	1003581	L4582	20	
873	$8063 \cdot 2^{3333721} + 1$	1003554	L1823	20	
874	$9051 \cdot 2^{3333677} + 1$	1003541	L3924	20	
875	$45315256^{131072} + 1$	1003520	L4562	17	Generalized Fermat
876	$4091 \cdot 2^{3333153} + 1$	1003383	L1474	20	
877	$9949 \cdot 2^{3332750} + 1$	1003262	L5090	20	
878	$3509 \cdot 2^{3332649} + 1$	1003231	L5085	20	

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879	$3781 \cdot 2^{3332436} + 1$	1003167	L1823	20	
880	$4425 \cdot 2^{3332394} + 1$	1003155	L3431	20	
881	$6459 \cdot 2^{3332086} + 1$	1003062	L2629	20	
882	$44919410^{131072} + 1$	1003020	L4295	17	Generalized Fermat
883	$5257 \cdot 2^{3331758} + 1$	1002963	L1188	20	
884	$2939 \cdot 2^{3331393} + 1$	1002853	L1823	20	
885	$6959 \cdot 2^{3331365} + 1$	1002845	L1675	20	
886	$8815 \cdot 2^{3330748} + 1$	1002660	L3329	20	
887	$4303 \cdot 2^{3330652} + 1$	1002630	L4730	20	
888	$8595 \cdot 2^{3330649} + 1$	1002630	L4723	20	
889	$673 \cdot 2^{3330436} + 1$	1002564	L3035	16	
890	$8163 \cdot 2^{3330042} + 1$	1002447	L3278	20	
891	$44438760^{131072} + 1$	1002408	L4505	16	Generalized Fermat
892	$193 \cdot 2^{3329782} + 1$	1002367	L3460	14	Divides Fermat $F(3329780)$
893	$44330870^{131072} + 1$	1002270	L4501	16	Generalized Fermat
894	$2829 \cdot 2^{3329061} + 1$	1002151	L4343	20	
895	$5775 \cdot 2^{3329034} + 1$	1002143	L1188	20	
896	$7101 \cdot 2^{3328905} + 1$	1002105	L4568	20	
897	$7667 \cdot 2^{3328807} + 1$	1002075	L4087	20	
898	$129 \cdot 2^{3328805} + 1$	1002073	L3859	14	
899	$7261 \cdot 2^{3328740} + 1$	1002055	L2914	20	
900	$4395 \cdot 2^{3328588} + 1$	1002009	L3924	20	
901	$44085096^{131072} + 1$	1001953	L4482	16	Generalized Fermat
902	$143183 \cdot 2^{3328297} + 1$	1001923	L4504	17	
903	$44049878^{131072} + 1$	1001908	L4466	16	Generalized Fermat
904	$9681 \cdot 2^{3327987} + 1$	1001828	L1204	20	
905	$2945 \cdot 2^{3327987} + 1$	1001828	L2158	20	
906	$5085 \cdot 2^{3327789} + 1$	1001769	L1823	20	
907	$8319 \cdot 2^{3327650} + 1$	1001727	L1204	20	
908	$4581 \cdot 2^{3327644} + 1$	1001725	L2142	20	
909	$655 \cdot 2^{3327518} + 1$	1001686	L4490	16	
910	$8863 \cdot 2^{3327406} + 1$	1001653	L1675	20	
911	$659 \cdot 2^{3327371} + 1$	1001642	L3502	16	
912	$3411 \cdot 2^{3327343} + 1$	1001634	L1675	20	
913	$4987 \cdot 2^{3327294} + 1$	1001619	L3924	20	
914	$821 \cdot 2^{3327003} + 1$	1001531	L3035	16	
915	$2435 \cdot 2^{3326969} + 1$	1001521	L3035	20	
916	$2277 \cdot 2^{3326794} + 1$	1001469	L5014	20	
917	$6779 \cdot 2^{3326639} + 1$	1001422	L3924	20	
918	$6195 \cdot 2^{3325993} + 1$	1001228	L1474	19	
919	$555 \cdot 2^{3325925} + 1$	1001206	L4414	16	
920	$9041 \cdot 2^{3325643} + 1$	1001123	L3924	19	
921	$1993 \cdot 2^{3325302} + 1$	1001019	L3662	19	
922	$6179 \cdot 2^{3325027} + 1$	1000937	L3048	19	
923	$4485 \cdot 2^{3324900} + 1$	1000899	L1355	19	
924	$3559 \cdot 2^{3324650} + 1$	1000823	L3035	19	
925	$43165206^{131072} + 1$	1000753	L4309	16	Generalized Fermat
926	$43163894^{131072} + 1$	1000751	L4334	16	Generalized Fermat

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927	$6927 \cdot 2^{3324387} + 1$	1000745	L3091	19	
928	$9575 \cdot 2^{3324287} + 1$	1000715	L3824	19	
929	$1797 \cdot 2^{3324259} + 1$	1000705	L3895	19	
930	$4483 \cdot 2^{3324048} + 1$	1000642	L3035	19	
931	$791 \cdot 2^{3323995} + 1$	1000626	L3035	16	
932	$6987 \cdot 2^{3323926} + 1$	1000606	L4973	19	
933	$3937 \cdot 2^{3323886} + 1$	1000593	L3035	19	
934	$2121 \cdot 2^{3323852} + 1$	1000583	L1823	19	
935	$1571 \cdot 2^{3323493} + 1$	1000475	L3035	19	
936	$2319 \cdot 2^{3323402} + 1$	1000448	L4699	19	
937	$2829 \cdot 2^{3323341} + 1$	1000429	L4754	19	
938	$4335 \cdot 2^{3323323} + 1$	1000424	L1823	19	
939	$8485 \cdot 2^{3322938} + 1$	1000308	L4858	19	
940	$6505 \cdot 2^{3322916} + 1$	1000302	L4858	19	
941	$597 \cdot 2^{3322871} + 1$	1000287	L3035	16	
942	$9485 \cdot 2^{3322811} + 1$	1000270	L2603	19	
943	$8619 \cdot 2^{3322774} + 1$	1000259	L3035	19	
944	$387 \cdot 2^{3322763} + 1$	1000254	L1455	16	
945	$42654182^{131072} + 1$	1000075	L4208	15	Generalized Fermat
946	$5553507 \cdot 2^{3322000} + 1$	1000029	p391	16	
947	$4288198767 \cdot 2^{3321910} - 1$	1000005	L4960	21	
948	$4229494557 \cdot 2^{3321910} - 1$	1000005	L4960	21	
949	$4022490843 \cdot 2^{3321910} - 1$	1000005	L4960	21	
950	$3751145343 \cdot 2^{3321910} - 1$	1000005	L4960	21	
951	$3715773735 \cdot 2^{3321910} - 1$	1000005	L4960	21	
952	$3698976057 \cdot 2^{3321910} - 1$	1000005	L4960	21	
953	$3659465685 \cdot 2^{3321910} - 1$	1000005	L4960	20	
954	$3652932033 \cdot 2^{3321910} - 1$	1000005	L4960	20	
955	$3603204333 \cdot 2^{3321910} - 1$	1000005	L4960	20	
956	$3543733545 \cdot 2^{3321910} - 1$	1000005	L4960	20	
957	$3191900133 \cdot 2^{3321910} - 1$	1000005	L4960	20	
958	$3174957723 \cdot 2^{3321910} - 1$	1000005	L4960	20	
959	$2973510903 \cdot 2^{3321910} - 1$	1000005	L4960	19	
960	$2848144257 \cdot 2^{3321910} - 1$	1000005	L4960	19	
961	$2820058827 \cdot 2^{3321910} - 1$	1000005	L4960	19	
962	$2611553775 \cdot 2^{3321910} - 1$	1000004	L4960	20	
963	$2601087525 \cdot 2^{3321910} - 1$	1000004	L4960	19	
964	$2386538565 \cdot 2^{3321910} - 1$	1000004	L4960	19	
965	$2272291887 \cdot 2^{3321910} - 1$	1000004	L4960	19	
966	$2167709265 \cdot 2^{3321910} - 1$	1000004	L4960	19	
967	$2087077797 \cdot 2^{3321910} - 1$	1000004	L4960	19	
968	$1848133623 \cdot 2^{3321910} - 1$	1000004	L4960	19	
969	$1825072257 \cdot 2^{3321910} - 1$	1000004	L4960	19	
970	$1633473837 \cdot 2^{3321910} - 1$	1000004	L4960	19	
971	$1228267623 \cdot 2^{3321910} - 1$	1000004	L4808	19	
972	$1148781333 \cdot 2^{3321910} - 1$	1000004	L4808	19	
973	$1065440787 \cdot 2^{3321910} - 1$	1000004	L4808	19	
974	$1055109357 \cdot 2^{3321910} - 1$	1000004	L4960	19	

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975	$992309607 \cdot 2^{3321910} - 1$	1000004	L4808	19	
976	$926102325 \cdot 2^{3321910} - 1$	1000004	L4808	19	
977	$892610007 \cdot 2^{3321910} - 1$	1000004	L4960	19	
978	$763076757 \cdot 2^{3321910} - 1$	1000004	L4960	19	
979	$607766997 \cdot 2^{3321910} - 1$	1000004	L4808	19	
980	$539679177 \cdot 2^{3321910} - 1$	1000004	L4808	19	
981	$425521077 \cdot 2^{3321910} - 1$	1000004	L4808	19	
982	$132940575 \cdot 2^{3321910} - 1$	1000003	L4808	19	
983	$239378138685 \cdot 2^{3321891} + 1$	1000001	L5104	20	
984	$464253 \cdot 2^{3321908} - 1$	1000000	L466	13	
985	$3^{2095902} + 3^{647322} - 1$	1000000	x44	18	
986	$191273 \cdot 2^{3321908} - 1$	1000000	L466	13	
987	$1814570322984178^{65536} + 1$	1000000	L5080	20	Generalized Fermat
988	$1814570322977518^{65536} + 1$	1000000	L5080	20	Generalized Fermat
989	$3292665455999520712131951642528^{32768} + 1$	1000000	L5120	20	Generalized Fermat
990	$3292665455999520712131951625894^{32768} + 1$	1000000	L5122	20	Generalized Fermat
991	[Long prime 991]	1000000	L5207	20	Generalized Fermat
992	[Long prime 992]	1000000	L5122	20	Generalized Fermat
993	[Long prime 993]	1000000	p416	21	Generalized Fermat
994	$10^{999999} + 308267 \cdot 10^{292000} + 1$	1000000	CH10	21	
995	$3139 \cdot 2^{3321905} - 1$	999997	L185	08	
996	$4847 \cdot 2^{3321063} + 1$	999744	SB9	05	
997	$49 \cdot 2^{3309087} - 1$	996137	L1959	13	
998	$139413 \cdot 6^{1279992} + 1$	996033	L4001	15	
999	$51 \cdot 2^{3308171} + 1$	995861	L2840	15	
1000	$245114 \cdot 5^{1424104} - 1$	995412	L3686	13	
1001	$175124 \cdot 5^{1422646} - 1$	994393	L3686	13	
1002	$1611 \cdot 2^{738988} + 1$	992038	L4139	15	
1003	$2017 \cdot 2^{3292325} - 1$	991092	L3345	17	
1004	$\Phi(3, -107970^{98304})$	989588	L4506	16	Generalized unique
1005	$61 \cdot 2^{3286535} - 1$	989348	L4405	16	
1006	$87 \cdot 2^{3279368} + 1$	987191	L3458	15	
1007	$65 \cdot 2^{3270127} + 1$	984409	L3924	15	
1008	$5 \cdot 2^{3264650} - 1$	982759	L384	13	
1009	$223 \cdot 2^{3264459} - 1$	982703	L1884	12	
1010	$9 \cdot 2^{3259381} - 1$	981173	L1828	11	
1011	$6 \cdot 5^{1403337} + 1$	980892	L4965	20	
1012	$33 \cdot 2^{3242126} - 1$	975979	L3345	14	
1013	$39 \cdot 2^{3240990} + 1$	975637	L3432	14	
1014	$6 \cdot 5^{1392287} + 1$	973168	L4965	20	
1015	$211195 \cdot 2^{3224974} + 1$	970820	L2121	13	
1016	$7 \cdot 6^{1246814} + 1$	970211	L4965	19	
1017	$35 \cdot 83^{332073} - 1$	969696	L4001	19	
1018	$600921 \cdot 2^{3219922} - 1$	969299	g337	18	
1019	$6 \cdot 409^{369832} + 1$	965900	L4001	15	
1020	$23363426^{131072} + 1$	965809	L5033	21	Generalized Fermat

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1021	$94373 \cdot 2^{3206717} + 1$	965323	L2785	13	
1022	$2751 \cdot 2^{3206569} - 1$	965277	L4036	15	
1023	$23045178^{131072} + 1$	965029	L5023	21	Generalized Fermat
1024	$23011666^{131072} + 1$	964946	L5273	21	Generalized Fermat
1025	$22980158^{131072} + 1$	964868	L4201	21	Generalized Fermat
1026	$22901508^{131072} + 1$	964673	L4743	21	Generalized Fermat
1027	$22808110^{131072} + 1$	964440	L5248	21	Generalized Fermat
1028	$22718284^{131072} + 1$	964215	L5254	21	Generalized Fermat
1029	$22705306^{131072} + 1$	964183	L5248	21	Generalized Fermat
1030	$113983 \cdot 2^{3201175} - 1$	963655	L613	08	
1031	$34 \cdot 888^{326732} - 1$	963343	L4001	17	
1032	$22007146^{131072} + 1$	962405	L4245	20	Generalized Fermat
1033	$4 \cdot 3^{2016951} + 1$	962331	L4965	20	
1034	$21917442^{131072} + 1$	962173	L4622	20	Generalized Fermat
1035	$21869554^{131072} + 1$	962048	L5061	20	Generalized Fermat
1036	$21757066^{131072} + 1$	961754	L4773	20	Generalized Fermat
1037	$21582550^{131072} + 1$	961296	L5068	20	Generalized Fermat
1038	$21517658^{131072} + 1$	961125	L5126	20	Generalized Fermat
1039	$20968936^{131072} + 1$	959654	L4245	20	Generalized Fermat
1040	$20674450^{131072} + 1$	958849	L4245	20	Generalized Fermat
1041	$20234282^{131072} + 1$	957624	L4942	20	Generalized Fermat
1042	$20227142^{131072} + 1$	957604	L4677	20	Generalized Fermat
1043	$20185276^{131072} + 1$	957486	L4201	20	Generalized Fermat
1044	$33 \cdot 2^{3176269} + 1$	956154	L3432	13	
1045	$19464034^{131072} + 1$	955415	L4956	20	Generalized Fermat
1046	$600921 \cdot 2^{3173683} - 1$	955380	g337	18	
1047	$19216648^{131072} + 1$	954687	L5024	20	Generalized Fermat
1048	$1414 \cdot 95^{482691} - 1$	954633	L4877	19	
1049	$78 \cdot 236^{402022} - 1$	953965	L4944	20	
1050	$18968126^{131072} + 1$	953946	L5011	20	Generalized Fermat
1051	$18813106^{131072} + 1$	953479	L4201	20	Generalized Fermat
1052	$18608780^{131072} + 1$	952857	L4488	20	Generalized Fermat
1053	$1087 \cdot 2^{3164677} - 1$	952666	L1828	12	
1054	$18509226^{131072} + 1$	952552	L4884	20	Generalized Fermat
1055	$18501600^{131072} + 1$	952528	L4875	20	Generalized Fermat
1056	$15 \cdot 2^{3162659} + 1$	952057	p286	12	
1057	$18309468^{131072} + 1$	951934	L4928	20	Generalized Fermat
1058	$18298534^{131072} + 1$	951900	L4201	20	Generalized Fermat
1059	$67 \cdot 2^{3161450} + 1$	951694	L3223	15	
1060	$58 \cdot 117^{460033} + 1$	951436	L4944	20	
1061	$17958952^{131072} + 1$	950834	L4201	20	Generalized Fermat
1062	$17814792^{131072} + 1$	950375	L4752	20	Generalized Fermat
1063	$17643330^{131072} + 1$	949824	L4201	20	Generalized Fermat
1064	$19 \cdot 2^{3155009} - 1$	949754	L1828	12	
1065	$17141888^{131072} + 1$	948183	L4963	19	Generalized Fermat
1066	$17138628^{131072} + 1$	948172	L4963	19	Generalized Fermat
1067	$17119936^{131072} + 1$	948110	L4963	19	Generalized Fermat
1068	$17052490^{131072} + 1$	947885	L4715	19	Generalized Fermat

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1069	$17025822^{131072} + 1$	947796	L4870	19	Generalized Fermat
1070	$16985784^{131072} + 1$	947662	L4295	19	Generalized Fermat
1071	$16741226^{131072} + 1$	946837	L4201	19	Generalized Fermat
1072	$16329572^{131072} + 1$	945420	L4201	19	Generalized Fermat
1073	$69 \cdot 2^{3140225} - 1$	945304	L3764	14	
1074	$3 \cdot 2^{3136255} - 1$	944108	L256	07	
1075	$15731520^{131072} + 1$	943296	L4245	19	Generalized Fermat
1076	$\text{Phi}(3, -62721^{98304})$	943210	L4506	16	Generalized unique
1077	$15667716^{131072} + 1$	943064	L4387	19	Generalized Fermat
1078	$15567144^{131072} + 1$	942698	L4918	19	Generalized Fermat
1079	$15342502^{131072} + 1$	941870	L4245	19	Generalized Fermat
1080	$15237960^{131072} + 1$	941481	L4898	19	Generalized Fermat
1081	$15147290^{131072} + 1$	941141	L4861	19	Generalized Fermat
1082	$15091270^{131072} + 1$	940930	L4760	19	Generalized Fermat
1083	$3125 \cdot 2^{3124079} + 1$	940445	L1160	19	
1084	$14790404^{131072} + 1$	939784	L4871	19	Generalized Fermat
1085	$14613898^{131072} + 1$	939101	L4926	19	Generalized Fermat
1086	$14217182^{131072} + 1$	937534	L4387	19	Generalized Fermat
1087	$134 \cdot 864^{319246} - 1$	937473	L4944	20	
1088	$14020004^{131072} + 1$	936739	L4249	19	Generalized Fermat
1089	$27777 \cdot 2^{3111027} + 1$	936517	L2777	14	Generalized Cullen
1090	$13800346^{131072} + 1$	935840	L4880	19	Generalized Fermat
1091	$13613070^{131072} + 1$	935062	L4245	19	Generalized Fermat
1092	$628 \cdot 80^{491322} + 1$	935033	L4944	21	
1093	$13433028^{131072} + 1$	934305	L4868	18	Generalized Fermat
1094	$1019 \cdot 2^{3103680} - 1$	934304	L1828	12	
1095	$99 \cdot 2^{3102401} - 1$	933918	L1862	17	
1096	$256612 \cdot 5^{1335485} - 1$	933470	L1056	13	
1097	$13083418^{131072} + 1$	932803	L4747	18	Generalized Fermat
1098	$69 \cdot 2^{3097340} - 1$	932395	L3764	14	
1099	$12978952^{131072} + 1$	932347	L4849	18	Generalized Fermat
1100	$12961862^{131072} + 1$	932272	L4245	18	Generalized Fermat
1101	$12851074^{131072} + 1$	931783	L4670	18	Generalized Fermat
1102	$45 \cdot 2^{3094632} - 1$	931579	L1862	18	
1103	$57 \cdot 2^{3093440} - 1$	931220	L2484	20	
1104	$12687374^{131072} + 1$	931054	L4289	18	Generalized Fermat
1105	$513 \cdot 2^{3092705} + 1$	931000	L4329	16	
1106	$12661786^{131072} + 1$	930939	L4819	18	Generalized Fermat
1107	$38 \cdot 875^{316292} - 1$	930536	L4001	19	
1108	$5 \cdot 2^{3090860} - 1$	930443	L1862	12	
1109	$12512992^{131072} + 1$	930266	L4814	18	Generalized Fermat
1110	$12357518^{131072} + 1$	929554	L4295	18	Generalized Fermat
1111	$12343130^{131072} + 1$	929488	L4720	18	Generalized Fermat
1112	$373 \cdot 520^{342177} + 1$	929357	L3610	14	
1113	$19401 \cdot 2^{3086450} - 1$	929119	L541	15	
1114	$75 \cdot 2^{3086355} + 1$	929088	L3760	15	
1115	$65 \cdot 2^{3080952} - 1$	927461	L2484	20	
1116	$11876066^{131072} + 1$	927292	L4737	18	Generalized Fermat

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1117	$271 \cdot 2^{3079189} - 1$	926931	L2484	18	
1118	$766 \cdot 33^{610412} + 1$	926923	L4001	16	
1119	$11778792^{131072} + 1$	926824	L4672	18	Generalized Fermat
1120	$31 \cdot 332^{367560} + 1$	926672	L4294	18	
1121	$167 \cdot 2^{3077568} - 1$	926443	L1862	19	
1122	$10001 \cdot 2^{3075602} - 1$	925853	L4405	19	
1123	$116 \cdot 107^{455562} - 1$	924513	L4064	21	
1124	$11292782^{131072} + 1$	924425	L4672	18	Generalized Fermat
1125	$14844 \cdot 430^{350980} - 1$	924299	L4001	16	
1126	$11267296^{131072} + 1$	924297	L4654	17	Generalized Fermat
1127	$4 \cdot 3^{1936890} + 1$	924132	L4965	20	Generalized Fermat
1128	$11195602^{131072} + 1$	923933	L4706	17	Generalized Fermat
1129	$60849 \cdot 2^{3067914} + 1$	923539	L591	14	
1130	$674 \cdot 249^{385359} + 1$	923400	L4944	19	
1131	$11036888^{131072} + 1$	923120	L4660	17	Generalized Fermat
1132	$10994460^{131072} + 1$	922901	L4704	17	Generalized Fermat
1133	$21 \cdot 2^{3065701} + 1$	922870	p286	12	
1134	$10962066^{131072} + 1$	922733	L4702	17	Generalized Fermat
1135	$10921162^{131072} + 1$	922520	L4559	17	Generalized Fermat
1136	$43 \cdot 2^{3063674} + 1$	922260	L3432	13	
1137	$8460 \cdot 241^{387047} - 1$	921957	L4944	19	
1138	$10765720^{131072} + 1$	921704	L4695	17	Generalized Fermat
1139	$111 \cdot 2^{3060238} - 1$	921226	L2484	20	
1140	$5 \cdot 2^{3059698} - 1$	921062	L503	08	
1141	$10453790^{131072} + 1$	920031	L4694	17	Generalized Fermat
1142	$10368632^{131072} + 1$	919565	L4692	17	Generalized Fermat
1143	$123 \cdot 2^{3049038} + 1$	917854	L4119	15	
1144	$10037266^{131072} + 1$	917716	L4691	17	Generalized Fermat
1145	$400 \cdot 95^{463883} - 1$	917435	L4001	19	
1146	$9907326^{131072} + 1$	916975	L4690	17	Generalized Fermat
1147	$454 \cdot 383^{354814} + 1$	916558	L2012	20	
1148	$9785844^{131072} + 1$	916272	L4326	17	Generalized Fermat
1149	$291 \cdot 2^{3037904} + 1$	914503	L3545	15	
1150	$9419976^{131072} + 1$	914103	L4591	17	Generalized Fermat
1151	$9240606^{131072} + 1$	913009	L4591	17	Generalized Fermat
1152	$99 \cdot 2^{3029959} - 1$	912111	L1862	20	
1153	$26 \cdot 3^{1910099} + 1$	911351	L4799	20	
1154	$99 \cdot 2^{3026660} - 1$	911118	L1862	20	
1155	$8343 \cdot 42^{560662} + 1$	910099	L4444	20	
1156	$8770526^{131072} + 1$	910037	L4245	17	Generalized Fermat
1157	$8704114^{131072} + 1$	909604	L4670	17	Generalized Fermat
1158	$383731 \cdot 2^{3021377} - 1$	909531	L466	11	
1159	$46821 \cdot 2^{3021380} - 374567$	909531	p363	13	
1160	$2^{3021377} - 1$	909526	G3	98	Mersenne 37
1161	$7 \cdot 2^{3015762} + 1$	907836	g279	08	
1162	$75 \cdot 2^{3012342} + 1$	906808	L3941	15	
1163	$991 \cdot 2^{3010036} + 1$	906115	L5326	21	
1164	$583 \cdot 2^{3009698} + 1$	906013	L5325	21	

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1165	$8150484^{131072} + 1$	905863	L4249	17	Generalized Fermat
1166	$593 \cdot 2^{3006969} + 1$	905191	L5178	21	
1167	$367 \cdot 2^{3004536} + 1$	904459	L5178	21	
1168	$7926326^{131072} + 1$	904276	L4249	17	Generalized Fermat
1169	$1003 \cdot 2^{3003756} + 1$	904224	L5320	21	
1170	$573 \cdot 2^{3002662} + 1$	903895	L5319	21	
1171	$7858180^{131072} + 1$	903784	L4201	17	Generalized Fermat
1172	$329 \cdot 2^{3002295} + 1$	903784	L5318	21	
1173	$7832704^{131072} + 1$	903599	L4249	17	Generalized Fermat
1174	$268514 \cdot 5^{1292240} - 1$	903243	L3562	13	
1175	$7 \cdot 10^{902708} + 1$	902709	p342	13	
1176	$435 \cdot 2^{2997453} + 1$	902326	L5167	21	
1177	$583 \cdot 2^{2996526} + 1$	902047	L5174	21	
1178	$1037 \cdot 2^{2995695} + 1$	901798	L5178	21	
1179	$717 \cdot 2^{2995326} + 1$	901686	L5178	21	
1180	$885 \cdot 2^{2995274} + 1$	901671	L5178	21	
1181	$43 \cdot 2^{2994958} + 1$	901574	L3222	13	
1182	$1065 \cdot 2^{2994154} + 1$	901334	L5315	21	
1183	$561 \cdot 2^{2994132} + 1$	901327	L5314	21	
1184	$1095 \cdot 2^{2992587} - 1$	900862	L1828	11	
1185	$519 \cdot 2^{2991849} + 1$	900640	L5311	21	
1186	$7379442^{131072} + 1$	900206	L4201	17	Generalized Fermat
1187	$459 \cdot 2^{2990134} + 1$	900123	L5197	21	
1188	$15 \cdot 2^{2988834} + 1$	899730	p286	12	
1189	$29 \cdot 564^{326765} + 1$	899024	L4001	17	
1190	$971 \cdot 2^{2982525} + 1$	897833	L5197	21	
1191	$1033 \cdot 2^{2980962} + 1$	897362	L5305	21	
1192	$39 \cdot 2^{2978894} + 1$	896739	L2719	13	
1193	$4348099 \cdot 2^{2976221} - 1$	895939	L466	08	
1194	$205833 \cdot 2^{2976222} - 411665$	895938	L4667	17	
1195	$18976 \cdot 2^{2976221} - 18975$	895937	p373	14	
1196	$2^{2976221} - 1$	895932	G2	97	Mersenne 36
1197	$1024 \cdot 3^{1877301} + 1$	895704	p378	14	
1198	$1065 \cdot 2^{2975442} + 1$	895701	L5300	21	Divides $GF(2975440, 3)$
1199	$591 \cdot 2^{2975069} + 1$	895588	L5299	21	
1200	$249 \cdot 2^{2975002} + 1$	895568	L2322	15	
1201	$195 \cdot 2^{2972947} + 1$	894949	L3234	15	
1202	$6705932^{131072} + 1$	894758	L4201	17	Generalized Fermat
1203	$391 \cdot 2^{2971600} + 1$	894544	L5242	21	
1204	$46425 \cdot 2^{2971203} + 1$	894426	L2777	14	Generalized Cullen
1205	$625 \cdot 2^{2970336} + 1$	894164	L5233	21	Generalized Fermat
1206	$493 \cdot 72^{480933} + 1$	893256	L3610	14	
1207	$561 \cdot 2^{2964753} + 1$	892483	L5161	21	
1208	$1185 \cdot 2^{2964350} + 1$	892362	L5161	21	
1209	$6403134^{131072} + 1$	892128	L4510	16	Generalized Fermat
1210	$6391936^{131072} + 1$	892028	L4511	16	Generalized Fermat
1211	$627 \cdot 2^{2959098} + 1$	890781	L5197	21	
1212	$45 \cdot 2^{2958002} - 1$	890449	L1862	17	

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1213	$729 \cdot 2^{2955389} + 1$	889664	L5282	21	
1214	$198677 \cdot 2^{2950515} + 1$	888199	L2121	12	
1215	$88 \cdot 985^{296644} + 1$	887987	L4944	20	
1216	$5877582^{131072} + 1$	887253	L4245	16	Generalized Fermat
1217	$17 \cdot 2^{2946584} - 1$	887012	L3519	13	
1218	$489 \cdot 2^{2944673} + 1$	886438	L5167	21	
1219	$141 \cdot 2^{2943065} + 1$	885953	L3719	15	
1220	$757 \cdot 2^{2942742} + 1$	885857	L5261	21	
1221	$5734100^{131072} + 1$	885846	L4477	16	Generalized Fermat
1222	$33 \cdot 2^{2939063} - 1$	884748	L3345	13	
1223	$5903 \cdot 2^{2938744} - 1$	884654	L4036	15	
1224	$717 \cdot 2^{2937963} + 1$	884418	L5256	21	
1225	$5586416^{131072} + 1$	884361	L4454	16	Generalized Fermat
1226	$243 \cdot 2^{2937316} + 1$	884223	L4114	15	
1227	$973 \cdot 2^{2937046} + 1$	884142	L5253	21	
1228	$61 \cdot 2^{2936967} - 1$	884117	L2484	17	
1229	$903 \cdot 2^{2934602} + 1$	883407	L5246	21	
1230	$5471814^{131072} + 1$	883181	L4362	16	Generalized Fermat
1231	$188 \cdot 228^{374503} + 1$	883056	L4786	20	
1232	$53 \cdot 248^{368775} + 1$	883016	L5196	20	
1233	$5400728^{131072} + 1$	882436	L4201	16	Generalized Fermat
1234	$17 \cdot 326^{350899} + 1$	881887	L4786	19	
1235	$855 \cdot 2^{2929550} + 1$	881886	L5200	21	
1236	$5326454^{131072} + 1$	881648	L4201	16	Generalized Fermat
1237	$839 \cdot 2^{2928551} + 1$	881585	L5242	21	
1238	$7019 \cdot 10^{881309} - 1$	881313	L3564	13	
1239	$25 \cdot 2^{2927222} + 1$	881184	L1935	13	Generalized Fermat
1240	$577 \cdot 2^{2925602} + 1$	880697	L5201	21	
1241	$97366 \cdot 5^{1259955} - 1$	880676	L3567	13	
1242	$973 \cdot 2^{2923062} + 1$	879933	L5228	21	
1243	$1126 \cdot 177^{391360} + 1$	879770	L4955	20	
1244	$243944 \cdot 5^{1258576} - 1$	879713	L3566	13	
1245	$693 \cdot 2^{2921528} + 1$	879471	L5201	21	
1246	$6 \cdot 10^{879313} + 1$	879314	L5009	19	
1247	$269 \cdot 2^{2918105} + 1$	878440	L2715	15	
1248	$331 \cdot 2^{2917844} + 1$	878362	L5210	21	
1249	$169 \cdot 2^{2917805} - 1$	878350	L2484	18	
1250	$1085 \cdot 2^{2916967} + 1$	878098	L5174	20	
1251	$389 \cdot 2^{2916499} + 1$	877957	L5215	20	
1252	$431 \cdot 2^{2916429} + 1$	877936	L5214	20	
1253	$1189 \cdot 2^{2916406} + 1$	877929	L5174	20	
1254	$7 \cdot 2^{2915954} + 1$	877791	g279	08	Divides $GF(2915953, 12)$ [g322]
1255	$4974408^{131072} + 1$	877756	L4380	16	Generalized Fermat
1256	$465 \cdot 2^{2914079} + 1$	877228	L5210	20	
1257	$427194 \cdot 113^{427194} + 1$	877069	p310	12	Generalized Cullen
1258	$4893072^{131072} + 1$	876817	L4303	16	Generalized Fermat
1259	$493 \cdot 2^{2912552} + 1$	876769	L5192	21	
1260	$143157 \cdot 2^{2911403} + 1$	876425	L4504	17	

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1261	$567 \cdot 2^{2910402} + 1$	876122	L5201	20	
1262	$683 \cdot 2^{2909217} + 1$	875765	L5199	20	
1263	$674 \cdot 249^{365445} + 1$	875682	L4944	19	
1264	$475 \cdot 2^{2908802} + 1$	875640	L5192	21	
1265	$371 \cdot 2^{2907377} + 1$	875211	L5197	20	
1266	$207 \cdot 2^{2903535} + 1$	874054	L3173	15	
1267	$851 \cdot 2^{2902731} + 1$	873813	L5177	20	
1268	$777 \cdot 2^{2901907} + 1$	873564	L5192	20	
1269	$717 \cdot 2^{2900775} + 1$	873224	L5185	20	
1270	$99 \cdot 2^{2899303} - 1$	872780	L1862	17	
1271	$63 \cdot 2^{2898957} + 1$	872675	L3262	13	
1272	$11 \cdot 2^{2897409} + 1$	872209	L2973	13	Divides $GF(2897408, 3)$
1273	$747 \cdot 2^{2895307} + 1$	871578	L5178	20	
1274	$403 \cdot 2^{2894566} + 1$	871354	L5180	20	
1275	$629 \cdot 2^{2892961} + 1$	870871	L5173	20	
1276	$627 \cdot 2^{2891514} + 1$	870436	L5168	20	
1277	$363 \cdot 2^{2890208} + 1$	870042	L3261	20	
1278	$471 \cdot 2^{2890148} + 1$	870024	L5158	20	
1279	$4329134^{131072} + 1$	869847	L4395	16	Generalized Fermat
1280	$583 \cdot 2^{2889248} + 1$	869754	L5139	20	
1281	$955 \cdot 2^{2887934} + 1$	869358	L4958	20	
1282	$937 \cdot 2^{2887130} + 1$	869116	L5134	20	
1283	$885 \cdot 2^{2886389} + 1$	868893	L3924	20	
1284	$763 \cdot 2^{2885928} + 1$	868754	L2125	20	
1285	$1071 \cdot 2^{2884844} + 1$	868428	L3593	20	
1286	$1181 \cdot 2^{2883981} + 1$	868168	L3593	20	
1287	$51 \cdot 2^{2881227} + 1$	867338	L3512	13	
1288	$933 \cdot 2^{2879973} + 1$	866962	L4951	20	
1289	$261 \cdot 2^{2879941} + 1$	866952	L4119	15	
1290	$4085818^{131072} + 1$	866554	L4201	16	Generalized Fermat
1291	$65 \cdot 2^{2876718} - 1$	865981	L2484	16	
1292	$21 \cdot 948^{290747} - 1$	865500	L4985	19	
1293	$4013 \cdot 2^{2873250} - 1$	864939	L1959	14	
1294	$41 \cdot 2^{2872058} - 1$	864578	L2484	13	
1295	$359 \cdot 2^{2870935} + 1$	864241	L1300	20	
1296	$165 \cdot 2^{2870868} + 1$	864220	L4119	15	
1297	$961 \cdot 2^{2870596} + 1$	864139	L1300	20	Generalized Fermat
1298	$665 \cdot 2^{2869847} + 1$	863913	L2885	20	
1299	$283 \cdot 2^{2868750} + 1$	863583	L3877	15	
1300	$845 \cdot 2^{2868291} + 1$	863445	L5100	20	
1301	$3125 \cdot 2^{2867399} + 1$	863177	L1754	19	
1302	$701 \cdot 2^{2867141} + 1$	863099	L1422	20	
1303	$3814944^{131072} + 1$	862649	L4201	16	Generalized Fermat
1304	$307 \cdot 2^{2862962} + 1$	861840	L4740	20	
1305	$147 \cdot 2^{2862651} + 1$	861746	L1741	15	
1306	$1207 \cdot 2^{2861901} - 1$	861522	L1828	11	
1307	$231 \cdot 2^{2860725} + 1$	861167	L2873	15	
1308	$193 \cdot 2^{2858812} + 1$	860591	L2997	15	

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1309	$629 \cdot 2^{2857891} + 1$	860314	L3035	20	
1310	$493 \cdot 2^{2857856} + 1$	860304	L5087	20	
1311	$241 \cdot 2^{2857313} - 1$	860140	L2484	18	
1312	$707 \cdot 2^{2856331} + 1$	859845	L5084	20	
1313	$3615210^{131072} + 1$	859588	L4201	16	Generalized Fermat
1314	$949 \cdot 2^{2854946} + 1$	859428	L2366	20	
1315	$222361 \cdot 2^{2854840} + 1$	859398	g403	06	
1316	$725 \cdot 2^{2854661} + 1$	859342	L5031	20	
1317	$399 \cdot 2^{2851994} + 1$	858539	L4099	20	
1318	$225 \cdot 2^{2851959} + 1$	858528	L3941	15	
1319	$247 \cdot 2^{2851602} + 1$	858421	L3865	15	
1320	$183 \cdot 2^{2850321} + 1$	858035	L2117	15	
1321	$1191 \cdot 2^{2849315} + 1$	857733	L1188	20	
1322	$717 \cdot 2^{2848598} + 1$	857517	L1204	20	
1323	$795 \cdot 2^{2848360} + 1$	857445	L4099	20	
1324	$3450080^{131072} + 1$	856927	L4201	16	Generalized Fermat
1325	$705 \cdot 2^{2846638} + 1$	856927	L1808	20	
1326	$369 \cdot 2^{2846547} + 1$	856899	L4099	20	
1327	$955 \cdot 2^{2844974} + 1$	856426	L1188	20	
1328	$753 \cdot 2^{2844700} + 1$	856343	L1204	20	
1329	$11138 \cdot 745^{297992} - 1$	855884	L4189	19	
1330	$111 \cdot 2^{2841992} + 1$	855527	L1792	15	
1331	$649 \cdot 2^{2841318} + 1$	855325	L4732	20	
1332	$305 \cdot 2^{2840155} + 1$	854975	L4907	20	
1333	$1149 \cdot 2^{2839622} + 1$	854815	L2042	20	
1334	$95 \cdot 2^{2837909} + 1$	854298	L3539	13	
1335	$199 \cdot 2^{2835667} - 1$	853624	L2484	19	
1336	$595 \cdot 2^{2833406} + 1$	852943	L4343	20	
1337	$1101 \cdot 2^{2832061} + 1$	852539	L4930	20	
1338	$813 \cdot 2^{2831757} + 1$	852447	L4951	20	
1339	$435 \cdot 2^{2831709} + 1$	852432	L4951	20	
1340	$543 \cdot 2^{2828217} + 1$	851381	L4746	19	
1341	$704 \cdot 249^{354745} + 1$	850043	L4944	19	
1342	$1001 \cdot 2^{2822037} + 1$	849521	L1209	19	
1343	$84466 \cdot 5^{1215373} - 1$	849515	L3562	13	
1344	$97 \cdot 2^{2820650} + 1$	849103	L2163	13	
1345	$107 \cdot 2^{2819922} - 1$	848884	L2484	13	
1346	$84256 \cdot 3^{1778899} + 1$	848756	L4789	18	
1347	$45472 \cdot 3^{1778899} - 1$	848756	L4789	18	
1348	$497 \cdot 2^{2818787} + 1$	848543	L4842	19	
1349	$97 \cdot 2^{2818306} + 1$	848397	L3262	13	
1350	$177 \cdot 2^{2816050} + 1$	847718	L129	12	
1351	$553 \cdot 2^{2815596} + 1$	847582	L4980	19	
1352	$1071 \cdot 2^{2814469} + 1$	847243	L3035	19	
1353	$105 \cdot 2^{2813000} + 1$	846800	L3200	15	
1354	$1115 \cdot 2^{2812911} + 1$	846774	L1125	19	
1355	$96 \cdot 10^{846519} - 1$	846521	L2425	11	Near-repdigit
1356	$763 \cdot 2^{2811726} + 1$	846417	L3919	19	

rank	description	digits	who	year	comment
1357	$1125 \cdot 2^{2811598} + 1$	846379	L4981	19	
1358	$891 \cdot 2^{2810100} + 1$	845928	L4981	19	
1359	$441 \cdot 2^{2809881} + 1$	845862	L4980	19	
1360	$711 \cdot 2^{2808473} + 1$	845438	L1502	19	
1361	$1089 \cdot 2^{2808231} + 1$	845365	L4687	19	
1362	$63 \cdot 2^{2807130} + 1$	845033	L3262	13	
1363	$1083 \cdot 2^{2806536} + 1$	844855	L3035	19	
1364	$675 \cdot 2^{2805669} + 1$	844594	L1932	19	
1365	$819 \cdot 2^{2805389} + 1$	844510	L3372	19	
1366	$1027 \cdot 2^{2805222} + 1$	844459	L3035	19	
1367	$437 \cdot 2^{2803775} + 1$	844024	L3168	19	
1368	$4431 \cdot 372^{327835} - 1$	842718	L4944	19	
1369	$150344 \cdot 5^{1205508} - 1$	842620	L3547	13	
1370	$311 \cdot 2^{2798459} + 1$	842423	L4970	19	
1371	$400254 \cdot 127^{400254} + 1$	842062	g407	13	Generalized Cullen
1372	$2639850^{131072} + 1$	841690	L4249	16	Generalized Fermat
1373	$43 \cdot 2^{2795582} + 1$	841556	L2842	13	
1374	$1001 \cdot 2^{2794357} + 1$	841189	L1675	19	
1375	$117 \cdot 2^{2794014} + 1$	841085	L1741	15	
1376	$1057 \cdot 2^{2792700} + 1$	840690	L1675	19	
1377	$345 \cdot 2^{2792269} + 1$	840560	L1754	19	
1378	$711 \cdot 2^{2792072} + 1$	840501	L4256	19	
1379	$973 \cdot 2^{2789516} + 1$	839731	L3372	19	
1380	$2187 \cdot 2^{2786802} + 1$	838915	L1745	19	
1381	$15 \cdot 2^{2785940} + 1$	838653	p286	12	
1382	$1337 \cdot 2^{2785444} - 1$	838506	L4518	17	
1383	$711 \cdot 2^{2784213} + 1$	838135	L4687	19	
1384	$58582 \cdot 91^{427818} + 1$	838118	L4944	20	
1385	$923 \cdot 2^{2783153} + 1$	837816	L1675	19	
1386	$1103 \cdot 2^{2783149} + 1$	837815	L3784	19	
1387	$485 \cdot 2^{2778151} + 1$	836310	L1745	19	
1388	$600921 \cdot 2^{2776014} - 1$	835670	g337	17	
1389	$1129 \cdot 2^{2774934} + 1$	835342	L1774	19	
1390	$8700 \cdot 241^{350384} - 1$	834625	L4944	19	
1391	$1023 \cdot 2^{2772512} + 1$	834613	L4724	19	
1392	$656 \cdot 249^{348030} + 1$	833953	L4944	19	
1393	$92 \cdot 10^{833852} - 1$	833854	L4789	18	Near-repdigit
1394	$437 \cdot 2^{2769299} + 1$	833645	L3760	19	
1395	$967 \cdot 2^{2768408} + 1$	833377	L3760	19	
1396	$2280466^{131072} + 1$	833359	L4201	16	Generalized Fermat
1397	$1171 \cdot 2^{2768112} + 1$	833288	L2676	19	
1398	$57 \cdot 2^{2765963} + 1$	832640	L3262	13	
1399	$1323 \cdot 2^{2764024} + 1$	832058	L1115	19	
1400	$77 \cdot 2^{2762047} + 1$	831461	L3430	13	
1401	$745 \cdot 2^{2761514} + 1$	831302	L1204	19	
1402	$2194180^{131072} + 1$	831164	L4276	16	Generalized Fermat
1403	$7 \cdot 10^{830865} + 1$	830866	p342	14	
1404	$893 \cdot 2^{2758841} + 1$	830497	L4826	19	

rank	description	digits	who	year	comment
1405	$537 \cdot 2^{2755164} + 1$	829390	L3035	19	
1406	$579 \cdot 2^{2754370} + 1$	829151	L1823	19	
1407	$441 \cdot 2^{2754188} + 1$	829096	L2564	19	Generalized Fermat
1408	$215 \cdot 2^{2751022} - 1$	828143	L2484	18	
1409	$337 \cdot 2^{2750860} + 1$	828094	L4854	19	
1410	$701 \cdot 2^{2750267} + 1$	827916	L3784	19	
1411	$467 \cdot 2^{2749195} + 1$	827593	L1745	19	
1412	$245 \cdot 2^{2748663} + 1$	827433	L3173	15	
1413	$591 \cdot 2^{2748315} + 1$	827329	L3029	19	
1414	$57 \cdot 2^{2747499} + 1$	827082	L3514	13	Divides Fermat $F(2747497)$
1415	$1089 \cdot 2^{2746155} + 1$	826679	L2583	19	
1416	$707 \cdot 2^{2745815} + 1$	826576	L3760	19	
1417	$459 \cdot 2^{2742310} + 1$	825521	L4582	19	
1418	$777 \cdot 2^{2742196} + 1$	825487	L3919	19	
1419	$609 \cdot 2^{2741078} + 1$	825150	L3091	19	
1420	$639 \cdot 2^{2740186} + 1$	824881	L4958	19	
1421	$905 \cdot 2^{2739805} + 1$	824767	L4958	19	
1422	$1955556^{131072} + 1$	824610	L4250	15	Generalized Fermat
1423	$777 \cdot 2^{2737282} + 1$	824007	L1823	19	
1424	$765 \cdot 2^{2735232} + 1$	823390	L1823	19	
1425	$609 \cdot 2^{2735031} + 1$	823330	L1823	19	
1426	$305 \cdot 2^{2733989} + 1$	823016	L1823	19	
1427	$165 \cdot 2^{2732983} + 1$	822713	L1741	15	
1428	$1133 \cdot 2^{2731993} + 1$	822415	L4687	19	
1429	$251 \cdot 2^{2730917} + 1$	822091	L3924	15	
1430	$1185 \cdot 2^{2730620} + 1$	822002	L4948	19	
1431	$173 \cdot 2^{2729905} + 1$	821786	L3895	15	
1432	$1981 \cdot 2^{2728877} - 1$	821478	L1134	18	
1433	$693 \cdot 2^{2728537} + 1$	821375	L3035	19	
1434	$501 \cdot 2^{2728224} + 1$	821280	L3035	19	
1435	$763 \cdot 2^{2727928} + 1$	821192	L3924	19	
1436	$10 \cdot 743^{285478} + 1$	819606	L4955	19	
1437	$17 \cdot 2^{2721830} - 1$	819354	p279	10	
1438	$1101 \cdot 2^{2720091} + 1$	818833	L4935	19	
1439	$1766192^{131072} + 1$	818812	L4231	15	Generalized Fermat
1440	$165 \cdot 2^{2717378} - 1$	818015	L2055	12	
1441	$68633 \cdot 2^{2715609} + 1$	817485	L5105	20	
1442	$1722230^{131072} + 1$	817377	L4210	15	Generalized Fermat
1443	$1717162^{131072} + 1$	817210	L4226	15	Generalized Fermat
1444	$133 \cdot 2^{2713410} + 1$	816820	L3223	15	
1445	$45 \cdot 2^{2711732} + 1$	816315	L1349	12	
1446	$569 \cdot 2^{2711451} + 1$	816231	L4568	19	
1447	$335 \cdot 2^{2708958} - 1$	815481	L2235	20	
1448	$93 \cdot 2^{2708718} - 1$	815408	L1862	16	
1449	$1660830^{131072} + 1$	815311	L4207	15	Generalized Fermat
1450	$837 \cdot 2^{2708160} + 1$	815241	L4314	19	
1451	$1005 \cdot 2^{2707268} + 1$	814972	L4687	19	
1452	$13 \cdot 458^{306196} + 1$	814748	L3610	15	

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1453	$253 \cdot 2^{2705844} + 1$	814543	L4083	15	
1454	$657 \cdot 2^{2705620} + 1$	814476	L4907	19	
1455	$39 \cdot 2^{2705367} + 1$	814399	L1576	13	Divides $GF(2705360, 3)$
1456	$303 \cdot 2^{2703864} + 1$	813947	L1204	19	
1457	$141 \cdot 2^{2702160} + 1$	813434	L1741	15	
1458	$753 \cdot 2^{2701925} + 1$	813364	L4314	19	
1459	$133 \cdot 2^{2701452} + 1$	813221	L3173	15	
1460	$521 \cdot 2^{2700095} + 1$	812813	L4854	19	
1461	$393 \cdot 2^{2698956} + 1$	812470	L1823	19	
1462	$417 \cdot 2^{2698652} + 1$	812378	L3035	19	
1463	$525 \cdot 2^{2698118} + 1$	812218	L1823	19	
1464	$3125 \cdot 2^{2697651} + 1$	812078	L3924	19	
1465	$153 \cdot 2^{2697173} + 1$	811933	L3865	15	
1466	$1560730^{131072} + 1$	811772	L4201	15	Generalized Fermat
1467	$26 \cdot 3^{1700041} + 1$	811128	L4799	20	
1468	$\text{Phi}(3, -1538654^{65536})$	810961	L4561	17	Generalized unique
1469	$11 \cdot 2^{2691961} + 1$	810363	p286	13	Divides $GF(2691960, 12)$
1470	$7335 \cdot 2^{2689080} - 1$	809498	L4036	15	
1471	$1049 \cdot 2^{2688749} + 1$	809398	L4869	18	
1472	$329 \cdot 2^{2688221} + 1$	809238	L3035	18	
1473	$865 \cdot 2^{2687434} + 1$	809002	L4844	18	
1474	$989 \cdot 2^{2686591} + 1$	808748	L2805	18	
1475	$136 \cdot 904^{273532} + 1$	808609	L4944	20	
1476	$243 \cdot 2^{2685873} + 1$	808531	L3865	15	
1477	$909 \cdot 2^{2685019} + 1$	808275	L3431	18	
1478	$1455 \cdot 2^{2683953} - 1$	807954	L1134	20	
1479	$11210 \cdot 241^{339153} - 1$	807873	L4944	19	
1480	$\text{Phi}(3, -1456746^{65536})$	807848	L4561	17	Generalized unique
1481	$975 \cdot 2^{2681840} + 1$	807318	L4155	18	
1482	$295 \cdot 2^{2680932} + 1$	807044	L1741	15	
1483	$\text{Phi}(3, -1427604^{65536})$	806697	L4561	17	Generalized unique
1484	$575 \cdot 2^{2679711} + 1$	806677	L2125	18	
1485	$2386 \cdot 5^{2469972} + 1$	806477	L4955	19	
1486	$219 \cdot 2^{2676229} + 1$	805628	L1792	15	
1487	$637 \cdot 2^{2675976} + 1$	805552	L3035	18	
1488	$\text{Phi}(3, -1395583^{65536})$	805406	L4561	17	Generalized unique
1489	$951 \cdot 2^{2674564} + 1$	805127	L1885	18	
1490	$1372930^{131072} + 1$	804474	g236	03	Generalized Fermat
1491	$662 \cdot 1009^{267747} - 1$	804286	L4944	20	
1492	$261 \cdot 2^{2671677} + 1$	804258	L3035	15	
1493	$895 \cdot 2^{2671520} + 1$	804211	L3035	18	
1494	$1361244^{131072} + 1$	803988	g236	04	Generalized Fermat
1495	$789 \cdot 2^{2670409} + 1$	803877	L3035	18	
1496	$256 \cdot 11^{771408} + 1$	803342	L3802	14	Generalized Fermat
1497	$503 \cdot 2^{2668529} + 1$	803310	L4844	18	
1498	$255 \cdot 2^{2668448} + 1$	803286	L1129	15	
1499	$4189 \cdot 2^{2666639} - 1$	802742	L1959	17	
1500	$539 \cdot 2^{2664603} + 1$	802129	L4717	18	

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1501	$26036 \cdot 745^{279261} - 1$	802086	L4189	20	
1502	$1396 \cdot 5^{1146713} - 1$	801522	L3547	13	
1503	$267 \cdot 2^{2662090} + 1$	801372	L3234	15	Divides Fermat $F(2662088)$
1504	$51 \cdot 892^{271541} + 1$	801147	L4944	19	
1505	$297 \cdot 2^{2660048} + 1$	800757	L3865	15	
1506	$99 \cdot 2^{2658496} - 1$	800290	L1862	21	
1507	$851 \cdot 2^{2656411} + 1$	799663	L4717	18	
1508	$487 \cdot 2^{2655008} + 1$	799240	L3760	18	
1509	$371 \cdot 2^{2651663} + 1$	798233	L3760	18	
1510	$69 \cdot 2^{2649939} - 1$	797713	L3764	14	
1511	$207 \cdot 2^{2649810} + 1$	797675	L1204	15	
1512	$505 \cdot 2^{2649496} + 1$	797581	L3760	18	
1513	$993 \cdot 2^{2649256} + 1$	797509	L3760	18	
1514	$517 \cdot 2^{2648698} + 1$	797341	L3760	18	
1515	$340 \cdot 703^{280035} + 1$	797250	L4001	18	
1516	$441 \cdot 2^{2648307} + 1$	797223	L3760	18	
1517	$1129 \cdot 2^{2646590} + 1$	796707	L3760	18	
1518	$128 \cdot 518^{293315} + 1$	796156	L4001	19	
1519	$\text{Phi}(3, -1181782^{65536})$	795940	L4142	15	Generalized unique
1520	$1176694^{131072} + 1$	795695	g236	03	Generalized Fermat
1521	$13 \cdot 2^{2642943} - 1$	795607	L1862	12	
1522	$119 \cdot 410^{304307} + 1$	795091	L4294	19	
1523	$501 \cdot 2^{2641052} + 1$	795039	L3035	18	
1524	$879 \cdot 2^{2639962} + 1$	794711	L3760	18	
1525	$57 \cdot 2^{2639528} - 1$	794579	L2484	16	
1526	$342673 \cdot 2^{2639439} - 1$	794556	L53	07	
1527	$813 \cdot 2^{2639092} + 1$	794449	L2158	18	
1528	$\text{Phi}(3, -1147980^{65536})$	794288	L4142	15	Generalized unique
1529	$1027 \cdot 2^{2638186} + 1$	794177	L3760	18	
1530	$889 \cdot 2^{2637834} + 1$	794071	L3545	18	
1531	$92182 \cdot 5^{1135262} + 1$	793520	L3547	13	
1532	$741 \cdot 2^{2634385} + 1$	793032	L1204	18	
1533	$465 \cdot 2^{2630496} + 1$	791861	L1444	18	
1534	$189 \cdot 2^{2630487} + 1$	791858	L3035	15	
1535	$87 \cdot 2^{2630468} + 1$	791852	L3262	13	
1536	$1131 \cdot 2^{2629345} + 1$	791515	L4826	18	
1537	$967 \cdot 2^{2629344} + 1$	791515	L3760	18	
1538	$267 \cdot 2^{2629210} + 1$	791474	L3035	15	
1539	$154 \cdot 883^{268602} + 1$	791294	L4944	20	
1540	$819 \cdot 2^{2627529} + 1$	790968	L1387	18	
1541	$17152 \cdot 5^{1131205} - 1$	790683	L3552	13	
1542	$183 \cdot 2^{2626442} + 1$	790641	L3035	15	
1543	$813 \cdot 2^{2626224} + 1$	790576	L4830	18	
1544	$807 \cdot 2^{2625044} + 1$	790220	L1412	18	
1545	$1063730^{131072} + 1$	789949	g260	13	Generalized Fermat
1546	$1243 \cdot 2^{2623707} - 1$	789818	L1828	11	
1547	$693 \cdot 2^{2623557} + 1$	789773	L3278	18	
1548	$981 \cdot 2^{2622032} + 1$	789314	L1448	18	

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1549	$145 \cdot 2^{2621020} + 1$	789008	L3035	15	
1550	$541 \cdot 2^{2614676} + 1$	787099	L4824	18	
1551	$1061 \cdot 268^{323645} - 1$	785857	L4944	19	
1552	$\text{Phi}(3, -984522^{65536})$	785545	p379	15	Generalized unique
1553	$1071 \cdot 2^{2609316} + 1$	785486	L3760	18	
1554	$87 \cdot 2^{2609046} + 1$	785404	L2520	13	
1555	$18922 \cdot 111^{383954} + 1$	785315	L4944	21	
1556	$543 \cdot 2^{2608129} + 1$	785128	L4822	18	
1557	$329584 \cdot 5^{1122935} - 1$	784904	L3553	13	
1558	$10 \cdot 311^{314806} + 1$	784737	L3610	14	
1559	$1019 \cdot 2^{2606525} + 1$	784646	L1201	18	
1560	$977 \cdot 2^{2606211} + 1$	784551	L4746	18	
1561	$13 \cdot 2^{2606075} - 1$	784508	L1862	11	
1562	$693 \cdot 2^{2605905} + 1$	784459	L4821	18	
1563	$147 \cdot 2^{2604275} + 1$	783968	L1741	15	
1564	$105 \cdot 2^{2603631} + 1$	783774	L3459	15	
1565	$93 \cdot 2^{2602483} - 1$	783428	L1862	16	
1566	$155 \cdot 2^{2602213} + 1$	783347	L2719	15	
1567	$303 \cdot 2^{2601525} + 1$	783140	L4816	18	
1568	$711 \cdot 2^{2600535} + 1$	782842	L4815	18	
1569	$1133 \cdot 2^{2599345} + 1$	782484	L4796	18	
1570	$397 \cdot 2^{2598796} + 1$	782319	L3877	18	
1571	$1536 \cdot 177^{347600} + 1$	781399	L4944	20	
1572	$1171 \cdot 2^{2595736} + 1$	781398	L3035	18	
1573	$909548^{131072} + 1$	781036	p387	15	Generalized Fermat
1574	$2 \cdot 218^{333925} + 1$	780870	L4683	17	
1575	$1149 \cdot 2^{2593359} + 1$	780682	L1125	18	
1576	$225 \cdot 2^{2592918} + 1$	780549	L1792	15	Generalized Fermat
1577	$333 \cdot 2^{2591874} - 1$	780235	L2017	19	
1578	$\text{Phi}(3, -883969^{65536})$	779412	p379	15	Generalized unique
1579	$\text{Phi}(3, -872989^{65536})$	778700	p379	15	Generalized unique
1580	$703 \cdot 2^{2586728} + 1$	778686	L4256	18	
1581	$2642 \cdot 372^{302825} - 1$	778429	L4944	19	
1582	$120 \cdot 825^{266904} + 1$	778416	L4001	18	
1583	$337 \cdot 2^{2585660} + 1$	778364	L2873	18	
1584	$393 \cdot 2^{2584957} + 1$	778153	L4600	18	
1585	$151 \cdot 2^{2584480} + 1$	778009	L4043	15	
1586	$\text{Phi}(3, -862325^{65536})$	778001	p379	15	Generalized unique
1587	$385 \cdot 2^{2584280} + 1$	777949	L4600	18	
1588	$\text{Phi}(3, -861088^{65536})$	777919	p379	15	Generalized unique
1589	$65 \cdot 2^{2583720} - 1$	777780	L2484	15	
1590	$25 \cdot 2^{2583690} + 1$	777770	L3249	13	Generalized Fermat
1591	$82 \cdot 920^{262409} - 1$	777727	L4064	15	
1592	$1041 \cdot 2^{2582112} + 1$	777297	L1456	18	
1593	$334310 \cdot 211^{334310} - 1$	777037	p350	12	Generalized Woodall
1594	$229 \cdot 2^{2581111} - 1$	776995	L1862	17	
1595	$61 \cdot 2^{2580689} - 1$	776867	L2484	15	
1596	$1113 \cdot 2^{2580205} + 1$	776723	L4724	18	

rank	description	digits	who	year	comment
1597	$51 \cdot 2^{2578652} + 1$	776254	L3262	13	
1598	$173 \cdot 2^{2578197} + 1$	776117	L3035	15	
1599	$833 \cdot 2^{2578029} + 1$	776067	L4724	18	
1600	$80 \cdot 394^{298731} - 1$	775358	L541	20	
1601	$460 \cdot 628^{276994} + 1$	775021	L4944	20	
1602	$459 \cdot 2^{2573899} + 1$	774824	L1204	18	
1603	$Phi(3, -806883^{65536})$	774218	p379	15	Generalized unique
1604	$627 \cdot 2^{2567718} + 1$	772963	L3803	18	
1605	$933 \cdot 2^{2567598} + 1$	772927	L4724	18	
1606	$757 \cdot 2^{2566468} + 1$	772587	L2606	18	
1607	$231 \cdot 2^{2565263} + 1$	772224	L3035	15	
1608	$4 \cdot 737^{269302} + 1$	772216	L4294	16	Generalized Fermat
1609	$941 \cdot 2^{2564867} + 1$	772105	L4724	18	
1610	$923 \cdot 2^{2563709} + 1$	771757	L1823	18	
1611	$151 \cdot 596^{278054} + 1$	771671	L4876	19	
1612	$Phi(3, -770202^{65536})$	771570	p379	15	Generalized unique
1613	$303 \cdot 2^{2562423} - 1$	771369	L2017	18	
1614	$75 \cdot 2^{2562382} - 1$	771356	L2055	11	
1615	$147559 \cdot 2^{2562218} + 1$	771310	L764	12	
1616	$117 \cdot 412^{294963} + 1$	771300	p268	21	
1617	$829 \cdot 2^{2561730} + 1$	771161	L1823	18	
1618	$404 \cdot 12^{714558} + 1$	771141	L1471	11	
1619	$Phi(3, -757576^{65536})$	770629	p379	15	Generalized unique
1620	$295 \cdot 80^{404886} + 1$	770537	L4944	21	
1621	$1193 \cdot 2^{2559453} + 1$	770476	L2030	18	
1622	$19 \cdot 984^{257291} + 1$	770072	L4944	20	
1623	$Phi(3, -731582^{65536})$	768641	p379	15	Generalized unique
1624	$65 \cdot 752^{267180} - 1$	768470	L4944	20	
1625	$419 \cdot 2^{2552363} + 1$	768341	L4713	18	
1626	$34 \cdot 759^{266676} - 1$	768093	L4001	19	
1627	$315 \cdot 2^{2550412} + 1$	767754	L4712	17	
1628	$415 \cdot 2^{2549590} + 1$	767506	L4710	17	
1629	$693 \cdot 2^{2547752} + 1$	766953	L4600	17	
1630	$673 \cdot 2^{2547226} + 1$	766795	L2873	17	
1631	$169 \cdot 2^{2545526} + 1$	766282	L2125	15	Divides $GF(2545525, 10)$, generalized Fermat
1632	$183 \cdot 2^{2545116} + 1$	766159	L3035	15	
1633	$311 \cdot 2^{2544778} - 1$	766058	L2017	18	
1634	$9 \cdot 2^{2543551} + 1$	765687	L1204	11	Divides Fermat $F(2543548)$, $GF(2543549, 3)$, $GF(2543549, 6)$, $GF(2543549, 12)$
1635	$67 \cdot 446^{288982} + 1$	765612	L4273	20	
1636	$663 \cdot 2^{2542990} + 1$	765520	L4703	17	
1637	$705 \cdot 2^{2542464} + 1$	765361	L2873	17	
1638	$689186^{131072} + 1$	765243	g429	13	Generalized Fermat
1639	$745 \cdot 2^{2540726} + 1$	764838	L4696	17	
1640	$Phi(3, -682504^{65536})$	764688	p379	15	Generalized unique

rank	description	digits	who	year	comment
1641	$64 \cdot 177^{340147} - 1$	764644	L3610	15	
1642	$421 \cdot 2^{2539336} + 1$	764419	L4148	17	
1643	$123287 \cdot 2^{2538167} + 1$	764070	L3054	12	
1644	$305716 \cdot 5^{1093095} - 1$	764047	L3547	13	
1645	$223 \cdot 2^{2538080} + 1$	764041	L2125	15	
1646	$83 \cdot 2^{2537641} + 1$	763908	L1300	13	
1647	$645 \cdot 2^{2532811} + 1$	762455	L4600	17	
1648	$953 \cdot 2^{2531601} + 1$	762091	L4404	17	
1649	$545 \cdot 2^{2528179} + 1$	761061	L1502	17	
1650	$203 \cdot 2^{2526505} + 1$	760557	L3910	15	
1651	$967 \cdot 2^{2526276} + 1$	760488	L1204	17	
1652	$241 \cdot 2^{2522801} - 1$	759442	L2484	18	
1653	$360307 \cdot 6^{975466} - 1$	759066	p255	17	
1654	$326 \cdot 80^{398799} + 1$	758953	L4444	21	
1655	$749 \cdot 2^{2519457} + 1$	758436	L1823	17	
1656	$199 \cdot 2^{2518871} - 1$	758259	L2484	18	
1657	$6 \cdot 10^{758068} + 1$	758069	L5009	19	
1658	$87 \cdot 2^{2518122} - 1$	758033	L2484	14	
1659	$Phi(3, -605347^{65536})$	757859	p379	15	Generalized unique
1660	$711 \cdot 2^{2516187} + 1$	757451	L3035	17	
1661	$967 \cdot 2^{2514698} + 1$	757003	L4600	17	
1662	$33 \cdot 2^{2513872} - 1$	756753	L3345	13	
1663	$973 \cdot 2^{2511920} + 1$	756167	L1823	17	
1664	$679 \cdot 2^{2511814} + 1$	756135	L4598	17	
1665	$1093 \cdot 2^{2511384} + 1$	756005	L1823	17	
1666	$38 \cdot 875^{256892} - 1$	755780	L4001	19	
1667	$45 \cdot 2^{2507894} + 1$	754953	L1349	12	
1668	$130484 \cdot 5^{1080012} - 1$	754902	L3547	13	
1669	$572186^{131072} + 1$	754652	g0	04	Generalized Fermat
1670	$242 \cdot 501^{279492} - 1$	754586	L4911	19	
1671	$883 \cdot 2^{2506382} + 1$	754500	L1823	17	
1672	$847 \cdot 2^{2505540} + 1$	754246	L4600	17	
1673	$191 \cdot 2^{2504121} + 1$	753818	L3035	15	
1674	$783 \cdot 2^{2500912} + 1$	752853	L1823	17	
1675	$165 \cdot 2^{2500130} - 1$	752617	L2055	11	
1676	$33 \cdot 2^{2499883} - 1$	752542	L3345	13	
1677	$319 \cdot 2^{2498685} - 1$	752182	L2017	18	
1678	$321 \cdot 2^{2496594} - 1$	751553	L2235	18	
1679	$365 \cdot 2^{2494991} + 1$	751070	L3035	17	
1680	$213 \cdot 2^{2493004} - 1$	750472	L1863	17	
1681	$777 \cdot 2^{2492560} + 1$	750339	L3035	17	
1682	$57 \cdot 2^{2492031} + 1$	750178	L1230	13	
1683	$879 \cdot 2^{2491342} + 1$	749972	L4600	17	
1684	$14 \cdot 152^{343720} - 1$	749945	L3610	15	
1685	$231 \cdot 2^{2489083} + 1$	749292	L3035	15	
1686	$255 \cdot 2^{2488562} + 1$	749135	L3035	15	
1687	$221 \cdot 780^{258841} - 1$	748596	L4001	18	
1688	$303 \cdot 2^{2486629} + 1$	748553	L3035	17	

rank	description	digits	who	year	comment
1689	$6 \cdot 433^{283918} - 1$	748548	L3610	15	
1690	$617 \cdot 2^{2485919} + 1$	748339	L1885	17	
1691	$515 \cdot 2^{2484885} + 1$	748028	L3035	17	
1692	$1095 \cdot 2^{2484828} + 1$	748011	L3035	17	
1693	$1113 \cdot 2^{2484125} + 1$	747800	L3035	17	
1694	$607 \cdot 2^{2483616} + 1$	747646	L3035	17	
1695	$625 \cdot 2^{2483272} + 1$	747543	L2487	17	Generalized Fermat
1696	$723 \cdot 2^{2482064} + 1$	747179	L3035	17	
1697	$26 \cdot 3^{1565545} + 1$	746957	L4799	20	
1698	$3 \cdot 2^{2478785} + 1$	746190	g245	03	Divides Fermat $F(2478782)$, $GF(2478782, 3)$, $GF(2478776, 6)$, $GF(2478782, 12)$
1699	$1071 \cdot 2^{2477584} + 1$	745831	L3035	17	
1700	$22 \cdot 30^{504814} - 1$	745673	p355	14	
1701	$11 \cdot 2^{2476839} + 1$	745604	L2691	11	
1702	$825 \cdot 2^{2474996} + 1$	745051	L1300	17	
1703	$1061 \cdot 2^{2474282} - 1$	744837	L1828	12	
1704	$435 \cdot 2^{2473905} + 1$	744723	L3035	17	
1705	$1121 \cdot 2^{2473401} + 1$	744571	L3924	17	
1706	$325 \cdot 2^{2473267} - 1$	744531	L2017	18	
1707	$889 \cdot 2^{2471082} + 1$	743873	L1300	17	
1708	$529 \cdot 2^{2470514} + 1$	743702	L3924	17	Generalized Fermat
1709	$883 \cdot 2^{2469268} + 1$	743327	L4593	17	
1710	$5754 \cdot 313^{297824} - 1$	743237	L5089	20	
1711	$81 \cdot 2^{2468789} + 1$	743182	g418	09	
1712	$55154 \cdot 5^{1063213} + 1$	743159	L3543	13	
1713	$119 \cdot 2^{2468556} - 1$	743112	L2484	18	
1714	$2136 \cdot 396^{285974} + 1$	742877	L4944	21	
1715	$525 \cdot 2^{2467658} + 1$	742842	L3035	17	
1716	$715 \cdot 2^{2465640} + 1$	742235	L3035	17	
1717	$26773 \cdot 2^{2465343} - 1$	742147	L197	06	
1718	$581 \cdot 550^{270707} - 1$	741839	L4944	20	
1719	$993 \cdot 2^{2464082} + 1$	741766	L3035	17	
1720	$1179 \cdot 2^{2463746} + 1$	741665	L3035	17	
1721	$857 \cdot 2^{2463411} + 1$	741564	L3662	17	
1722	$103 \cdot 2^{2462567} - 1$	741309	L2484	14	
1723	$12587 \cdot 2^{2462524} - 1$	741298	L2012	17	
1724	$5 \cdot 2^{2460482} - 1$	740680	L503	08	
1725	$763 \cdot 2^{2458592} + 1$	740113	L1823	17	
1726	$453 \cdot 2^{2458461} + 1$	740074	L3035	17	
1727	$519 \cdot 2^{2458058} + 1$	739952	L3803	17	
1728	$137 \cdot 2^{2457639} + 1$	739826	L4021	14	
1729	$41676 \cdot 7^{875197} - 1$	739632	L2777	12	Generalized Woodall
1730	$133 \cdot 2^{2455666} + 1$	739232	L2322	14	
1731	$99 \cdot 2^{2455541} - 1$	739194	L1862	15	
1732	$377 \cdot 2^{2452639} + 1$	738321	L3035	17	
1733	$2189 \cdot 138^{345010} + 1$	738284	L4944	20	

rank	description	digits	who	year	comment
1734	$1129 \cdot 2^{2452294} + 1$	738218	L3035	17	
1735	$1103 \cdot 2^{2451133} + 1$	737868	L4531	17	
1736	$65 \cdot 2^{2450614} - 1$	737711	L2074	14	
1737	$549 \cdot 2^{2450523} + 1$	737684	L3035	17	
1738	$4 \cdot 789^{254595} + 1$	737582	L4955	19	
1739	$3942 \cdot 55^{423771} - 1$	737519	L4955	19	
1740	$765 \cdot 2^{2448660} + 1$	737123	L4412	17	
1741	$607 \cdot 2^{2447836} + 1$	736875	L4523	17	
1742	$1005 \cdot 2^{2446722} + 1$	736540	L4522	17	
1743	$703 \cdot 2^{2446472} + 1$	736465	L2805	17	
1744	$75 \cdot 2^{2446050} + 1$	736337	L3035	13	
1745	$115 \cdot 26^{520277} - 1$	736181	L1471	14	
1746	$114986 \cdot 5^{1052966} - 1$	735997	L3528	13	
1747	$1029 \cdot 2^{2444707} + 1$	735934	L3035	17	
1748	$1035 \cdot 2^{2443369} + 1$	735531	L3173	17	
1749	$1017 \cdot 2^{2442723} + 1$	735336	L4417	17	
1750	$1065 \cdot 2^{2441132} + 1$	734857	L1823	17	
1751	$393 \cdot 2^{2436849} + 1$	733568	L3035	16	
1752	$1425 \cdot 2^{2435607} - 1$	733194	L1134	20	
1753	$386892^{131072} + 1$	732377	p259	09	Generalized Fermat
1754	$465 \cdot 2^{2431455} + 1$	731944	L3035	16	
1755	$905 \cdot 2^{2430509} + 1$	731660	L4408	16	
1756	$223 \cdot 2^{2430490} + 1$	731653	L4016	14	
1757	$8 \cdot 410^{279991} + 1$	731557	L4700	19	
1758	$69 \cdot 2^{2428251} - 1$	730979	L384	14	
1759	$233 \cdot 2^{2426512} - 1$	730456	L2484	20	
1760	$645 \cdot 2^{2426494} + 1$	730451	L3035	16	
1761	$665 \cdot 2^{2425789} + 1$	730239	L3173	16	
1762	$23 \cdot 2^{2425641} + 1$	730193	L2675	11	
1763	$361 \cdot 2^{2424232} + 1$	729770	L3035	16	Generalized Fermat
1764	$753 \cdot 2^{2422914} + 1$	729373	L3035	16	
1765	$5619 \cdot 52^{424922} + 1$	729172	L4944	19	
1766	$105 \cdot 2^{2422105} + 1$	729129	L2520	14	
1767	$3338 \cdot 396^{280633} + 1$	729003	L4944	21	
1768	$201 \cdot 2^{2421514} - 1$	728951	L1862	16	
1769	$239 \cdot 2^{2421404} - 1$	728918	L2484	18	
1770	$577 \cdot 2^{2420868} + 1$	728757	L4489	16	
1771	$929 \cdot 2^{2417767} + 1$	727824	L3924	16	
1772	$4075 \cdot 2^{2417579} - 1$	727768	L1959	17	
1773	$303 \cdot 2^{2417452} - 1$	727729	L2235	18	
1774	$895 \cdot 2^{2417396} + 1$	727712	L3035	16	
1775	$1764 \cdot 327^{289322} + 1$	727518	L4944	20	Generalized Fermat
1776	$5724 \cdot 313^{291243} - 1$	726814	L4444	20	
1777	$1081 \cdot 2^{2412780} + 1$	726323	L1203	16	
1778	$333 \cdot 2^{2412735} - 1$	726309	L2017	18	
1779	$6891 \cdot 52^{423132} + 1$	726100	L4944	19	
1780	$83 \cdot 2^{2411962} - 1$	726075	L1959	18	
1781	$69 \cdot 2^{2410035} - 1$	725495	L2074	13	

rank	description	digits	who	year	comment
1782	$12362 \cdot 1027^{240890} - 1$	725462	L4444	18	
1783	$143157 \cdot 2^{2409056} + 1$	725204	L4504	16	
1784	$\text{Phi}(3, -340594^{65536})$	725122	p379	15	Generalized unique
1785	$339 \cdot 2^{2408337} + 1$	724985	L3029	16	
1786	$811 \cdot 2^{2408096} + 1$	724913	L2526	16	
1787	$157 \cdot 2^{2407958} + 1$	724870	L1741	14	
1788	$243686 \cdot 5^{1036954} - 1$	724806	L3549	13	
1789	$3660 \cdot 163^{327506} + 1$	724509	L4955	19	
1790	$303 \cdot 2^{2406433} + 1$	724411	L4425	16	
1791	$345 \cdot 2^{2405701} + 1$	724191	L3035	16	
1792	$921 \cdot 2^{2405056} + 1$	723997	L2805	16	
1793	$673 \cdot 2^{2403606} + 1$	723561	L3035	16	
1794	$475 \cdot 2^{2403220} + 1$	723444	L4445	16	
1795	$837 \cdot 2^{2402798} + 1$	723318	L3372	16	
1796	$\text{Phi}(3, -329886^{65536})$	723303	p379	15	Generalized unique
1797	$231 \cdot 2^{2402748} + 1$	723302	L3995	14	
1798	$375 \cdot 2^{2401881} + 1$	723041	L2805	16	
1799	$107 \cdot 2^{2401731} + 1$	722996	L3998	14	
1800	$1023 \cdot 2^{2398601} + 1$	722054	L4414	16	
1801	$539 \cdot 2^{2398227} + 1$	721941	L4061	16	
1802	$659 \cdot 2^{2397567} + 1$	721743	L4441	16	
1803	$40 \cdot 844^{246524} + 1$	721416	L4001	17	
1804	$465 \cdot 2^{2395133} + 1$	721010	L4088	16	
1805	$56 \cdot 318^{288096} + 1$	720941	L1471	19	
1806	$667 \cdot 2^{2394430} + 1$	720799	L4408	16	
1807	$15 \cdot 2^{2393365} + 1$	720476	L1349	10	
1808	$1642 \cdot 273^{295670} + 1$	720304	L4944	19	
1809	$633 \cdot 2^{2391222} + 1$	719833	L3743	16	
1810	$273 \cdot 2^{2388104} + 1$	718894	L3668	14	
1811	$118 \cdot 558^{261698} + 1$	718791	L4877	19	
1812	$1485 \cdot 2^{2386037} - 1$	718272	L1134	17	
1813	$399 \cdot 2^{2384115} + 1$	717693	L4412	16	
1814	$99 \cdot 2^{2383846} + 1$	717612	L1780	13	
1815	$737 \cdot 2^{2382804} - 1$	717299	L191	07	
1816	$111 \cdot 2^{2382772} + 1$	717288	L3810	14	
1817	$61 \cdot 2^{2381887} - 1$	717022	L2432	12	
1818	$202 \cdot 249^{299162} + 1$	716855	L4944	19	
1819	$321 \cdot 2^{2378535} - 1$	716013	L2017	18	
1820	$435 \cdot 2^{2378522} + 1$	716010	L1218	16	
1821	$4 \cdot 3^{1499606} + 1$	715495	L4962	20	Generalized Fermat
1822	$147 \cdot 2^{2375995} + 1$	715248	L1130	14	
1823	$915 \cdot 2^{2375923} + 1$	715228	L1741	16	
1824	$1981 \cdot 2^{2375591} - 1$	715128	L1134	17	
1825	$1129 \cdot 2^{2374562} + 1$	714818	L3035	16	
1826	$97 \cdot 2^{2374485} - 1$	714794	L2484	18	
1827	$1117 \cdot 2^{2373977} - 1$	714642	L1828	12	
1828	$949 \cdot 2^{2372902} + 1$	714318	L4408	16	
1829	$659 \cdot 2^{2372657} + 1$	714244	L3035	16	

rank	description	digits	who	year	comment
1830	$1365 \cdot 2^{2372586} + 1$	714223	L1134	16	
1831	$509 \cdot 2^{2370721} + 1$	713661	L1792	16	
1832	$99 \cdot 2^{2370390} + 1$	713561	L1204	13	
1833	$959 \cdot 2^{2370077} + 1$	713468	L1502	16	
1834	$1135 \cdot 2^{2369808} + 1$	713387	L2520	16	
1835	$125 \cdot 2^{2369461} + 1$	713281	L3035	14	
1836	$1183953 \cdot 2^{2367907} - 1$	712818	L447	07	Woodall
1837	[Long prime 1837]	712748	p360	13	
1838	$119878 \cdot 5^{1019645} - 1$	712707	L3528	13	
1839	$453 \cdot 2^{2367388} + 1$	712658	L3035	16	
1840	$150209! + 1$	712355	p3	11	Factorial
1841	$281 \cdot 2^{2363327} + 1$	711435	L1741	14	
1842	$2683 \cdot 2^{2360743} - 1$	710658	L1959	12	
1843	$409 \cdot 2^{2360166} + 1$	710484	L1199	16	
1844	$305 \cdot 2^{2358854} - 1$	710089	L2017	18	
1845	$1706 \cdot 123^{339764} + 1$	710078	L4944	21	
1846	$403 \cdot 2^{2357572} + 1$	709703	L3029	16	
1847	$155 \cdot 2^{2357111} + 1$	709564	L3975	14	
1848	$365 \cdot 2^{2355607} + 1$	709111	L2117	16	
1849	$33706 \cdot 6^{910462} + 1$	708482	L587	14	
1850	$1087 \cdot 2^{2352830} + 1$	708276	L1492	16	
1851	$152 \cdot 1002^{235971} + 1$	708120	L4944	19	
1852	$179 \cdot 2^{2352291} + 1$	708113	L1741	14	
1853	$559 \cdot 2^{2351894} + 1$	707994	L3924	16	
1854	$24573 \cdot 2^{2350824} + 1$	707673	p168	18	
1855	$1035 \cdot 2^{2350388} + 1$	707541	L2526	16	
1856	$433 \cdot 2^{2348252} + 1$	706897	L2322	16	
1857	$329 \cdot 2^{2348105} + 1$	706853	L3029	16	
1858	$45 \cdot 2^{2347187} + 1$	706576	L1349	12	
1859	$7675 \cdot 46^{424840} + 1$	706410	L4944	19	
1860	$127 \cdot 2^{2346377} - 1$	706332	L282	09	
1861	$933 \cdot 2^{2345893} + 1$	706188	L3035	16	
1862	$903 \cdot 2^{2345013} + 1$	705923	L2006	16	
1863	$33 \cdot 2^{2345001} + 1$	705918	L2322	13	
1864	$Phi(3, -242079^{65536})$	705687	p379	15	Generalized unique
1865	$627 \cdot 2^{2343140} + 1$	705359	L3125	16	
1866	$83 \cdot 2^{2342345} + 1$	705119	L2626	13	
1867	$61 \cdot 380^{273136} + 1$	704634	L4944	19	
1868	$277 \cdot 2^{2340182} + 1$	704468	L1158	14	
1869	$159 \cdot 2^{2339566} + 1$	704282	L3035	14	
1870	$335 \cdot 2^{2338972} - 1$	704104	L2235	17	
1871	$22 \cdot 422^{268038} + 1$	703685	L4955	19	
1872	$9602 \cdot 241^{295318} - 1$	703457	L4944	19	
1873	$1149 \cdot 2^{2336638} + 1$	703402	L4388	16	
1874	$339 \cdot 2^{2336421} - 1$	703336	L2519	17	
1875	$231 \cdot 2^{2335281} - 1$	702992	L1862	19	
1876	$275293 \cdot 2^{2335007} - 1$	702913	L193	06	
1877	$105 \cdot 2^{2334755} - 1$	702834	L1959	18	

rank	description	digits	who	year	comment
1878	$228188^{131072} + 1$	702323	g124	10	Generalized Fermat
1879	$809 \cdot 2^{2333017} + 1$	702312	L2675	16	
1880	$795 \cdot 2^{2332488} + 1$	702152	L3029	16	
1881	$3^{1471170} - 3^{529291} + 1$	701927	p269	19	
1882	$118 \cdot 761^{243458} + 1$	701499	L4944	19	
1883	$435 \cdot 2^{2329948} + 1$	701387	L2322	16	
1884	$585 \cdot 2^{2329350} + 1$	701207	L2707	16	
1885	$213 \cdot 2^{2328530} - 1$	700960	L1863	17	
1886	$1482 \cdot 327^{278686} + 1$	700773	L4944	20	
1887	$26472 \cdot 91^{357645} + 1$	700646	L4944	20	
1888	$1107 \cdot 2^{2327472} + 1$	700642	L3601	16	
1889	$435 \cdot 2^{2327152} + 1$	700546	L2337	16	
1890	$4161 \cdot 2^{2326875} - 1$	700463	L1959	16	
1891	$427 \cdot 2^{2326288} + 1$	700286	L2719	16	
1892	$438 \cdot 19^{547574} - 1$	700215	L4944	20	
1893	$147855! - 1$	700177	p362	13	Factorial
1894	$451 \cdot 2^{2323952} + 1$	699582	L3173	16	
1895	$431 \cdot 2^{2323633} + 1$	699486	L3260	16	
1896	$1085 \cdot 2^{2323291} + 1$	699384	L1209	16	
1897	$15 \cdot 2^{2323205} - 1$	699356	L2484	11	
1898	$7566 \cdot 46^{420563} + 1$	699299	L4944	19	
1899	$1131 \cdot 2^{2322167} + 1$	699045	L1823	16	
1900	$385 \cdot 2^{2321502} + 1$	698845	L1129	16	
1901	$645 \cdot 2^{2320231} + 1$	698462	L3377	16	
1902	$165 \cdot 2^{2319575} + 1$	698264	L2627	14	
1903	$809 \cdot 2^{2319373} + 1$	698204	L3924	16	
1904	$125098 \cdot 6^{896696} + 1$	697771	L587	14	
1905	$65536 \cdot 5^{997872} + 1$	697488	L3802	14	Generalized Fermat
1906	$381 \cdot 2^{2314743} + 1$	696810	L4358	16	
1907	$120 \cdot 825^{238890} + 1$	696714	L4837	18	
1908	$3375 \cdot 2^{2314297} + 1$	696677	L1745	19	
1909	$4063 \cdot 2^{2313843} - 1$	696540	L1959	16	
1910	$345 \cdot 2^{2313720} - 1$	696502	L2017	17	
1911	$74 \cdot 830^{238594} - 1$	696477	L4944	20	
1912	$361 \cdot 2^{2312832} + 1$	696235	L3415	16	Generalized Fermat
1913	$1983 \cdot 366^{271591} - 1$	696222	L2054	12	
1914	$3 \cdot 2^{2312734} - 1$	696203	L158	05	
1915	$53653 \cdot 2^{2311848} + 1$	695941	L2012	17	
1916	$873 \cdot 2^{2311086} + 1$	695710	L2526	16	
1917	$1033 \cdot 2^{2310976} + 1$	695677	L4352	16	
1918	$4063 \cdot 2^{2310187} - 1$	695440	L1959	16	
1919	$4063 \cdot 2^{2309263} - 1$	695162	L1959	16	
1920	$565 \cdot 2^{2308984} + 1$	695077	L2322	16	
1921	$450457 \cdot 2^{2307905} - 1$	694755	L172	06	
1922	$1185 \cdot 2^{2306324} + 1$	694276	L4347	16	
1923	$3267 \cdot 2^{2305266} + 1$	693958	L1204	19	
1924	$107 \cdot 770^{240408} - 1$	693938	L4955	20	
1925	$537 \cdot 2^{2304115} + 1$	693611	L3267	16	

rank	description	digits	who	year	comment
1926	$842 \cdot 1017^{230634} - 1$	693594	L4001	17	
1927	$729 \cdot 2^{2303162} + 1$	693324	L1204	16	Generalized Fermat
1928	$641 \cdot 2^{2302879} + 1$	693239	L2051	16	
1929	$729 \cdot 2^{2300290} + 1$	692460	L1204	16	Generalized Fermat
1930	$189 \cdot 2^{2299959} + 1$	692359	L2627	14	
1931	$659 \cdot 2^{2294393} + 1$	690684	L3378	16	
1932	$1087 \cdot 2^{2293345} - 1$	690369	L1828	11	
1933	$97768 \cdot 5^{987383} - 1$	690157	L1016	13	
1934	$4761657101009 \cdot 2^{2292504} - 1$	690126	L257	19	
1935	$3 \cdot 2^{2291610} + 1$	689844	L753	08	Divides $GF(2291607, 3)$, $GF(2291609, 5)$
1936	$319 \cdot 2^{2290722} + 1$	689579	L1792	15	
1937	$779 \cdot 2^{2290273} + 1$	689444	L3034	16	
1938	$1001 \cdot 2^{2289438} - 1$	689193	L4518	20	
1939	$971 \cdot 2^{2289135} + 1$	689102	L4198	16	
1940	$399 \cdot 2^{2288691} + 1$	688968	L1990	15	
1941	$Phi(3, -180139^{65536})$	688864	p379	15	Generalized unique
1942	$74270 \cdot 151^{315734} - 1$	687982	L4001	18	
1943	$23902 \cdot 52^{400831} + 1$	687832	L4944	19	
1944	$417 \cdot 2^{2284402} + 1$	687677	L2322	15	
1945	$130 \cdot 686^{242244} + 1$	687085	L4064	18	
1946	$427 \cdot 2^{2282080} + 1$	686978	L3260	15	
1947	$109 \cdot 2^{2280194} + 1$	686409	L2520	14	
1948	$105 \cdot 2^{2280078} - 1$	686374	L2444	14	
1949	$1019 \cdot 2^{2278467} + 1$	685890	L4323	16	
1950	$213 \cdot 2^{2277870} - 1$	685710	L1863	17	
1951	$547 \cdot 2^{2276648} + 1$	685343	L3260	15	
1952	$26 \cdot 3^{1435875} + 1$	685088	L4799	20	
1953	$7913 \cdot 2^{2275664} - 1$	685048	L4036	15	
1954	$651 \cdot 2^{2275040} + 1$	684859	L4082	16	
1955	$155877 \cdot 2^{2273465} - 1$	684387	L541	14	
1956	$16 \cdot 710^{240014} + 1$	684344	L4944	19	Generalized Fermat
1957	$739 \cdot 2^{2272938} + 1$	684226	L1209	16	
1958	$4821 \cdot 396^{263301} + 1$	683980	L4944	21	
1959	$(362^{133647} + 1)^2 - 2$	683928	p403	19	
1960	$943 \cdot 2^{2269594} + 1$	683219	L1823	16	
1961	$182 \cdot 792^{235539} + 1$	682766	L4837	19	
1962	$1286 \cdot 603^{245567} + 1$	682758	L4444	19	
1963	$50 \cdot 893^{231310} - 1$	682564	L4975	19	
1964	$329 \cdot 2^{2266631} + 1$	682327	L4109	15	
1965	$739 \cdot 2^{2266602} + 1$	682319	L2520	16	
1966	$19683 \cdot 2^{2265896} + 1$	682107	L2914	19	
1967	$1151 \cdot 2^{2265761} + 1$	682066	L1823	16	
1968	$851 \cdot 2^{2265691} + 1$	682044	L3173	16	
1969	$977 \cdot 2^{2265655} + 1$	682034	L2413	16	
1970	$2 \cdot 11171^{168429} + 1$	681817	g427	14	Divides $Phi(11171^{168429}, 2)$
1971	$217 \cdot 2^{2264546} + 1$	681699	L3179	14	
1972	$841 \cdot 2^{2264184} + 1$	681591	L1823	16	Generalized Fermat

rank	description	digits	who	year	comment
1973	$93 \cdot 2^{2263894} + 1$	681502	L2826	13	
1974	$217499 \cdot 28^{470508} - 1$	680905	p366	13	
1975	$963 \cdot 2^{2261357} + 1$	680740	L1300	16	
1976	$1065 \cdot 2^{2260193} + 1$	680389	L1204	16	
1977	$837 \cdot 2^{2259470} + 1$	680172	L1823	16	
1978	$927 \cdot 2^{2258112} + 1$	679763	L4287	16	
1979	$265 \cdot 2^{2258071} - 1$	679750	L2484	18	
1980	$561 \cdot 2^{2256600} + 1$	679308	L3877	15	
1981	$495 \cdot 2^{2255944} + 1$	679110	L4119	15	
1982	$129 \cdot 2^{2255199} + 1$	678885	L3049	14	
1983	$735 \cdot 2^{2254660} + 1$	678724	L4283	16	
1984	$973 \cdot 2^{2254320} + 1$	678621	L1204	16	
1985	$275102 \cdot 151^{311399} - 1$	678537	L4001	18	
1986	$603 \cdot 2^{2252402} + 1$	678044	L1803	16	
1987	$1029 \cdot 2^{2252198} + 1$	677983	L3125	16	
1988	$39 \cdot 2^{2251104} - 1$	677652	L177	15	
1989	$575 \cdot 2^{2250751} + 1$	677547	L1741	15	
1990	$2838 \cdot 88^{348438} + 1$	677536	L4944	20	
1991	$725 \cdot 2^{2250697} + 1$	677531	L2859	16	
1992	$65 \cdot 2^{2250637} + 1$	677512	L3487	13	
1993	$14641 \cdot 2^{2250096} + 1$	677351	L181	17	Generalized Fermat
1994	$187 \cdot 2^{2249974} + 1$	677312	L2322	14	
1995	$141 \cdot 2^{2249967} + 1$	677310	L3877	14	
1996	$459 \cdot 2^{2249183} + 1$	677075	L3877	15	
1997	$319 \cdot 2^{2248914} + 1$	676994	L2322	15	
1998	$569 \cdot 2^{2248709} + 1$	676932	L4133	15	
1999	$221 \cdot 2^{2248363} + 1$	676828	L1130	14	
2000	$144912 \cdot 151^{310514} - 1$	676609	L4001	18	
2001	$649 \cdot 2^{2247490} + 1$	676565	L1204	16	
2002	$374565 \cdot 2^{2247391} + 1$	676538	L3532	13	Generalized Cullen
2003	$721 \cdot 2^{2246420} + 1$	676243	L3037	16	
2004	$875 \cdot 2^{2246363} + 1$	676226	L2859	16	
2005	$3888 \cdot 931^{227714} - 1$	676075	L4001	18	
2006	$347 \cdot 2^{2245598} - 1$	675995	L2519	17	
2007	$1199 \cdot 2^{2244631} + 1$	675705	L3593	16	
2008	$197 \cdot 2^{2244347} + 1$	675619	L1129	14	
2009	$5055 \cdot 2^{2242777} - 1$	675147	L4036	15	
2010	$651 \cdot 2^{2241783} + 1$	674847	L3260	16	
2011	$35 \cdot 2^{2241049} + 1$	674625	L2742	13	
2012	$4161 \cdot 2^{2240358} - 1$	674419	L1959	16	
2013	$164978 \cdot 151^{309413} - 1$	674210	L4001	18	
2014	$2354 \cdot 138^{314727} + 1$	673482	L4944	20	
2015	$20 \cdot 698^{236810} - 1$	673455	L4944	20	
2016	$146 \cdot 447^{254042} - 1$	673292	L4001	18	
2017	$675 \cdot 2^{2236244} + 1$	673180	L4191	16	
2018	$615 \cdot 2^{2235833} + 1$	673056	L1823	16	
2019	$53069 \cdot 28^{465060} - 1$	673021	p257	16	
2020	$831 \cdot 2^{2235253} + 1$	672882	L3432	13	

rank	description	digits	who	year	comment
2021	$185 \cdot 2^{2235003} + 1$	672806	L2322	14	
2022	$103 \cdot 2^{2234536} + 1$	672665	L3865	14	
2023	$885 \cdot 2^{2234318} + 1$	672600	L3125	16	
2024	$963 \cdot 2^{2234249} + 1$	672579	L1823	16	
2025	$305 \cdot 2^{2233655} + 1$	672400	L4118	15	
2026	$267 \cdot 2^{2233376} + 1$	672316	L1792	14	
2027	$221 \cdot 994^{224221} - 1$	672080	L4944	20	
2028	$103 \cdot 2^{2232551} - 1$	672067	L2484	13	
2029	$889 \cdot 2^{2231034} + 1$	671612	L2526	16	
2030	$1779 \cdot 88^{345359} + 1$	671548	L4944	20	
2031	$907 \cdot 2^{2230776} + 1$	671534	L4269	16	
2032	$11 \cdot 2^{2230369} + 1$	671410	L2561	11	Divides $GF(2230368, 3)$
2033	$1425 \cdot 2^{2229009} + 1$	671002	L1134	16	
2034	$747 \cdot 2^{2228814} + 1$	670943	L2526	16	
2035	$969 \cdot 2^{2228379} + 1$	670812	L4262	16	
2036	$887 \cdot 2^{2228179} + 1$	670752	L2840	15	
2037	$130816^{131072} + 1$	670651	g308	03	Generalized Fermat
2038	$1123 \cdot 2^{2227338} + 1$	670499	L3924	15	
2039	$3478 \cdot 378^{260076} + 1$	670348	L4955	21	
2040	$213 \cdot 2^{2226329} + 1$	670195	L2125	14	
2041	$505 \cdot 2^{2225296} + 1$	669884	L4111	15	
2042	$11 \cdot 878^{227481} + 1$	669591	L4944	19	
2043	$271 \cdot 2^{2223601} - 1$	669374	L2484	18	
2044	$325 \cdot 2^{2223243} - 1$	669266	L2235	16	
2045	$84363 \cdot 2^{2222321} + 1$	668991	L541	14	
2046	$2516745 \cdot 2^{2222222} + 1$	668962	p396	17	
2047	$7043 \cdot 48^{397817} - 1$	668831	p255	16	
2048	$1137 \cdot 2^{2221062} + 1$	668610	L4040	15	
2049	$152 \cdot 806^{229984} - 1$	668413	L4001	18	
2050	$1031 \cdot 2^{2218785} + 1$	667924	L1204	15	
2051	$911 \cdot 2^{2218151} + 1$	667733	L3260	15	
2052	$27 \cdot 2^{2218064} + 1$	667706	L690	09	
2053	$587 \cdot 2^{2217355} + 1$	667494	L4109	15	
2054	$547 \cdot 2^{2216110} + 1$	667119	L2322	15	
2055	$67 \cdot 2^{2215581} - 1$	666959	L268	10	
2056	$33 \cdot 2^{2215291} - 1$	666871	L3345	13	
2057	$157533 \cdot 2^{2214598} - 1$	666666	L3494	13	
2058	$1105 \cdot 2^{2213846} + 1$	666438	L2321	15	
2059	$33 \cdot 2^{2212971} - 1$	666173	L3345	13	
2060	$101 \cdot 2^{2212769} + 1$	666112	L1741	14	
2061	$3 \cdot 10^{665829} + 1$	665830	p300	12	
2062	$4207801666259 \cdot 2^{2211084} - 1$	665616	L257	19	
2063	$631 \cdot 2^{2210260} + 1$	665358	L2322	15	
2064	$479 \cdot 2^{2209541} + 1$	665141	L4106	15	
2065	$165 \cdot 2^{2207550} - 1$	664541	L2055	11	
2066	$819 \cdot 2^{2206370} + 1$	664187	L2526	15	
2067	$19 \cdot 2^{2206266} + 1$	664154	p189	06	
2068	$45 \cdot 2^{2205977} - 1$	664067	L1862	15	

rank	description	digits	who	year	comment
2069	$1323 \cdot 2^{2205832} + 1$	664025	L4893	19	
2070	$2 \cdot 179^{294739} + 1$	664004	g424	11	Divides $\Phi(179^{294739}, 2)$
2071	$73 \cdot 416^{253392} + 1$	663660	L3610	15	
2072	$\Phi(3, -16159^{78732})$	662674	p294	14	Generalized unique
2073	$1041 \cdot 2^{2201196} + 1$	662630	L3719	15	
2074	$481 \cdot 2^{2201148} + 1$	662615	L1741	15	
2075	$1344 \cdot 73^{355570} + 1$	662545	L3610	14	
2076	$783 \cdot 2^{2200256} + 1$	662346	L3924	15	
2077	$969 \cdot 2^{2200223} + 1$	662337	L1209	15	
2078	$173 \cdot 2^{2199301} + 1$	662058	L1204	14	
2079	$5077 \cdot 2^{2198565} - 1$	661838	L251	08	
2080	$114487 \cdot 2^{2198389} - 1$	661787	L179	06	
2081	$1035 \cdot 2^{2197489} + 1$	661514	L2517	14	
2082	$903 \cdot 2^{2197294} + 1$	661455	L2322	14	
2083	$404882 \cdot 43^{404882} - 1$	661368	p310	11	Generalized Woodall
2084	$638 \cdot 520^{243506} - 1$	661366	L4877	19	
2085	$12192710656^{65536} + 1$	661003	L5218	21	Generalized Fermat
2086	$256 \cdot 3^{1384608} + 1$	660629	L3802	14	Generalized Fermat
2087	$2 \cdot 10271^{164621} + 1$	660397	g427	14	Divides $\Phi(10271^{164621}, 2)$
2088	$10880 \cdot 151^{302997} - 1$	660228	L4001	18	
2089	$1073 \cdot 2^{2193069} + 1$	660183	L2487	14	
2090	$169 \cdot 2^{2193049} - 1$	660176	L2484	18	
2091	$202064 \cdot 151^{302700} - 1$	659582	L4001	18	
2092	$2 \cdot 659^{233973} + 1$	659544	g424	15	Divides $\Phi(659^{233973}, 2)$
2093	$819 \cdot 2^{2190853} + 1$	659516	L3234	14	
2094	$1179 \cdot 2^{2189870} + 1$	659220	L2517	14	
2095	$269 \cdot 2^{2189235} + 1$	659028	L1204	14	
2096	$39 \cdot 2^{2188855} + 1$	658913	p286	13	
2097	$433 \cdot 2^{2188076} + 1$	658680	L3855	14	
2098	$1323 \cdot 2^{2186806} + 1$	658298	L4974	19	
2099	$815 \cdot 2^{2185439} + 1$	657886	L3035	14	
2100	$249 \cdot 2^{2185003} + 1$	657754	L1300	14	
2101	$585 \cdot 2^{2184510} + 1$	657606	L3838	14	
2102	$1033 \cdot 2^{2183858} + 1$	657410	L3865	14	
2103	$1035 \cdot 2^{2183770} + 1$	657384	L3514	14	
2104	$193020 \cdot 151^{301686} - 1$	657373	L4001	18	
2105	$353938 \cdot 7^{777777} + 1$	657304	L4789	20	
2106	$1179 \cdot 2^{2182691} + 1$	657059	L2163	14	
2107	$2 \cdot 191^{287901} + 1$	656713	g424	15	Divides $\Phi(191^{287901}, 2)$
2108	$23902 \cdot 52^{382687} + 1$	656697	L4876	19	
2109	$525 \cdot 2^{2180848} + 1$	656504	L3797	14	
2110	$135 \cdot 2^{2180256} - 1$	656325	L1959	19	
2111	$1107 \cdot 2^{2180142} + 1$	656292	L1741	14	
2112	$447 \cdot 2^{2180102} + 1$	656279	L3760	14	
2113	$315 \cdot 2^{2179612} - 1$	656132	L2235	15	
2114	$1423 \cdot 2^{2179023} - 1$	655955	L3887	15	
2115	$995 \cdot 2^{2178819} + 1$	655893	L1741	14	
2116	$1423 \cdot 2^{2178363} - 1$	655756	L3887	15	

rank	description	digits	who	year	comment
2117	$196597 \cdot 2^{2178109} - 1$	655682	L175	06	
2118	$6 \cdot 10^{655642} + 1$	655643	L5009	19	
2119	$879 \cdot 2^{2177186} + 1$	655402	L2981	14	
2120	$67 \cdot 410^{250678} + 1$	654970	L4444	19	
2121	$70082 \cdot 5^{936972} - 1$	654921	L3523	13	
2122	$699 \cdot 2^{2175031} + 1$	654753	L3865	14	
2123	$69 \cdot 2^{2174213} - 1$	654506	L2055	12	
2124	$1069 \cdot 2^{2174122} + 1$	654479	L3865	14	
2125	$793 \cdot 2^{2173720} + 1$	654358	L2322	14	
2126	$3267 \cdot 2^{2173170} + 1$	654193	L1204	19	
2127	$651 \cdot 2^{2173159} + 1$	654189	L3864	14	
2128	$187 \cdot 2^{2172693} - 1$	654049	L1959	19	
2129	$10001 \cdot 2^{2172615} + 1$	654027	L4405	18	
2130	$1011 \cdot 2^{2172063} + 1$	653860	L2826	14	
2131	$1105 \cdot 2^{2171956} + 1$	653827	L3035	14	
2132	$4165 \cdot 2^{2171145} - 1$	653584	L1959	17	
2133	$Phi(3, -96873^{65536})$	653552	L4026	14	Generalized unique
2134	$739 \cdot 2^{2170786} + 1$	653475	L2121	14	
2135	$701 \cdot 2^{2169041} + 1$	652950	L3863	14	
2136	$1779 \cdot 88^{335783} + 1$	652928	L4944	20	
2137	$295 \cdot 2^{2168448} + 1$	652771	L1935	14	
2138	$7 \cdot 2^{2167800} + 1$	652574	g279	07	Divides Fermat $F(2167797)$, $GF(2167799, 5)$, $GF(2167799, 10)$
2139	$359 \cdot 2^{2165551} + 1$	651899	L3838	14	
2140	$1059 \cdot 2^{2164149} + 1$	651477	L2322	14	
2141	$329 \cdot 2^{2163717} + 1$	651347	L2117	14	
2142	$559 \cdot 2^{2163382} + 1$	651246	L1741	14	
2143	$775 \cdot 2^{2162344} + 1$	650934	L3588	14	
2144	$21 \cdot 2^{2160479} - 1$	650371	L2074	12	
2145	$102976 \cdot 5^{929801} - 1$	649909	L3313	13	
2146	$1007 \cdot 2^{2158720} - 1$	649843	L4518	21	
2147	$1179 \cdot 2^{2158475} + 1$	649769	L3035	14	Divides $GF(2158470, 6)$
2148	$617 \cdot 2^{2156699} + 1$	649234	L1675	14	
2149	$65536 \cdot 3^{1360576} + 1$	649165	L3802	14	Generalized Fermat
2150	$2 \cdot 3^{1360104} - 1$	648935	p390	15	
2151	$483 \cdot 2^{2155456} + 1$	648860	L3760	14	
2152	$105 \cdot 2^{2155392} + 1$	648840	L3580	14	
2153	$40 \cdot 1017^{215605} + 1$	648396	L4927	18	
2154	$1005 \cdot 2^{2153712} - 1$	648335	L4518	21	
2155	$31340 \cdot 6^{833096} + 1$	648280	p271	13	
2156	$427 \cdot 2^{2153306} + 1$	648213	L3838	14	
2157	$261 \cdot 2^{2152805} + 1$	648062	L1125	14	
2158	$371 \cdot 2^{2150871} + 1$	647480	L2545	14	
2159	$111 \cdot 2^{2150802} - 1$	647458	L2484	13	
2160	$357 \cdot 2^{2148518} + 1$	646771	L1741	14	
2161	$993 \cdot 2^{2148205} + 1$	646678	L1741	14	
2162	$67 \cdot 2^{2148060} + 1$	646633	L3276	13	

rank	description	digits	who	year	comment
2163	$243 \cdot 2^{2147387} - 1$	646431	L2444	14	
2164	$693 \cdot 2^{2147024} + 1$	646322	L3862	14	
2165	$3 \cdot 2^{2145353} + 1$	645817	g245	03	Divides Fermat $F(2145351)$, $GF(2145351, 3)$, $GF(2145352, 5)$, $GF(2145348, 6)$, $GF(2145352, 10)$, $GF(2145351, 12)$
2166	$143157 \cdot 2^{2144728} + 1$	645633	L4504	16	
2167	$509 \cdot 2^{2144181} + 1$	645466	L3035	14	
2168	$753 \cdot 2^{2143388} + 1$	645227	L2583	14	Divides $GF(2143383, 3)$
2169	$161 \cdot 2^{2142431} + 1$	644939	L3105	14	
2170	$25 \cdot 2^{2141884} + 1$	644773	L1741	11	Divides Fermat $F(2141872)$, $GF(2141871, 5)$, $GF(2141872, 10)$; generalized Fermat
2171	$23 \cdot 2^{2141626} - 1$	644696	L545	08	
2172	$519 \cdot 2^{2140311} + 1$	644301	L2659	14	
2173	$7 \cdot 2^{2139912} + 1$	644179	g279	07	Divides $GF(2139911, 12)$
2174	$315 \cdot 2^{2139665} + 1$	644106	L3838	14	
2175	$193 \cdot 2^{2139400} + 1$	644026	L3538	14	
2176	$1113 \cdot 2^{2139060} + 1$	643925	L3914	14	
2177	$292402 \cdot 159^{292402} + 1$	643699	g407	12	Generalized Cullen
2178	$307 \cdot 2^{2137553} - 1$	643471	L2235	15	
2179	$1051 \cdot 2^{2137440} + 1$	643437	L3865	14	
2180	$1185 \cdot 2^{2137344} + 1$	643408	L3877	14	
2181	$405 \cdot 2^{2137280} - 1$	643388	L1862	16	
2182	$513 \cdot 2^{2135642} + 1$	642896	L3843	14	
2183	$241 \cdot 2^{2135279} - 1$	642786	L2484	18	
2184	$915 \cdot 2^{2135151} + 1$	642748	L2322	14	
2185	$61 \cdot 2^{2134577} - 1$	642574	L2055	11	
2186	$2 \cdot 3^{1346542} + 1$	642465	L5043	20	
2187	$93 \cdot 10^{642225} - 1$	642227	L4789	20	Near-repdigit
2188	$5428 \cdot 378^{249058} + 1$	641949	L4944	21	
2189	$711 \cdot 2^{2132477} + 1$	641943	L2125	14	
2190	$81 \cdot 984^{214452} + 1$	641856	L4944	20	Generalized Fermat
2191	$215 \cdot 2^{2131988} - 1$	641795	L2484	18	
2192	$319 \cdot 2^{2130729} - 1$	641416	L1817	15	
2193	$78792 \cdot 151^{294324} - 1$	641331	L4001	18	
2194	$75 \cdot 2^{2130432} - 1$	641326	L2055	11	
2195	$1145 \cdot 2^{2130307} + 1$	641290	L3909	14	
2196	$110488 \cdot 5^{917100} + 1$	641031	L3354	13	
2197	$37 \cdot 2^{2128328} + 1$	640693	L3422	13	
2198	$103 \cdot 2^{2128242} + 1$	640667	L3787	14	
2199	$185 \cdot 2^{2127966} - 1$	640584	L1959	19	
2200	$3762 \cdot 70^{347127} + 1$	640487	L4876	19	
2201	$253 \cdot 2^{2126968} + 1$	640284	L1935	14	
2202	$583 \cdot 2^{2126166} + 1$	640043	L1741	14	

rank	description	digits	who	year	comment
2203	$999 \cdot 2^{2125575} + 1$	639865	L1741	14	
2204	$7 \cdot 848^{218439} - 1$	639677	L4944	20	
2205	$587 \cdot 2^{2124947} + 1$	639676	L3838	14	
2206	$451 \cdot 2^{2124636} + 1$	639582	L1741	14	
2207	$887 \cdot 2^{2124027} + 1$	639399	L3865	14	
2208	$693 \cdot 2^{2121393} + 1$	638606	L3278	14	
2209	$118 \cdot 107^{314663} - 1$	638575	L5227	21	
2210	$8331405 \cdot 2^{2120345} - 1$	638295	L2055	13	
2211	$975 \cdot 2^{2119209} + 1$	637949	L1158	14	
2212	$33 \cdot 2^{2118570} - 1$	637755	L3345	13	
2213	$117 \cdot 2^{2117600} - 1$	637464	L1959	19	
2214	$254 \cdot 5^{911506} - 1$	637118	p292	10	
2215	$1139 \cdot 2^{2115949} + 1$	636968	L3865	14	
2216	$771 \cdot 2^{2115741} + 1$	636905	L1675	14	
2217	$411 \cdot 2^{2115559} + 1$	636850	L2840	14	
2218	$34 \cdot 3^{1334729} + 1$	636830	L4799	21	
2219	$189 \cdot 2^{2115473} + 1$	636824	L3784	14	Divides $GF(2115468, 6)$
2220	$929 \cdot 2^{2114679} + 1$	636585	L3035	14	
2221	$1065 \cdot 2^{2113463} + 1$	636219	L2826	14	
2222	$591 \cdot 2^{2111001} + 1$	635478	L1360	14	
2223	$1051 \cdot 2^{2109344} + 1$	634979	L3035	14	
2224	$433 \cdot 2^{2109146} + 1$	634919	L1935	14	
2225	$519 \cdot 2^{2108910} + 1$	634848	L1356	14	
2226	$1047 \cdot 2^{2108751} + 1$	634801	L3824	14	
2227	$257 \cdot 2^{2108554} - 1$	634741	L5313	21	
2228	$3261 \cdot 46^{381439} + 1$	634245	L5000	19	
2229	$765 \cdot 2^{2106027} + 1$	633981	L3838	14	
2230	$503 \cdot 2^{2106013} + 1$	633976	L1741	14	
2231	$316903 \cdot 10^{633806} + 1$	633812	L3532	14	Generalized Cullen
2232	$113 \cdot 2^{2104825} + 1$	633618	L3785	14	
2233	$381 \cdot 2^{2103999} + 1$	633370	L2322	14	
2234	$1246461300659 \cdot 2^{2103424} - 1$	633206	L2484	15	
2235	$57 \cdot 2^{2103370} - 1$	633180	L2055	11	
2236	$539 \cdot 2^{2102167} + 1$	632819	L3125	14	
2237	$1425 \cdot 2^{2101260} - 1$	632546	L1134	20	
2238	$1001 \cdot 2^{2101062} - 1$	632486	L4518	20	
2239	$179 \cdot 894^{214290} - 1$	632445	L5209	20	
2240	$687 \cdot 2^{2100243} + 1$	632239	L3867	14	
2241	$329 \cdot 2^{2099771} + 1$	632097	L2507	14	
2242	$35 \cdot 2^{2099769} + 1$	632095	L3432	13	
2243	$405 \cdot 2^{2099716} + 1$	632081	L3154	14	
2244	$575 \cdot 2^{2098483} + 1$	631710	L3168	14	
2245	$1005 \cdot 2^{2097683} - 1$	631469	L4518	21	
2246	$695265 \cdot 2^{2097153} - 1$	631312	L466	20	
2247	$208703 \cdot 2^{2097153} + 1$	631312	L466	18	
2248	$28401 \cdot 2^{2097152} + 1$	631311	L4547	17	
2249	$907 \cdot 2^{2095896} + 1$	630931	L1129	14	
2250	$815730721 \cdot 2^{2095440} + 1$	630800	L466	19	Generalized Fermat

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2251	$2503 \cdot 2^{2094587} - 1$	630537	L4113	17	
2252	$14641 \cdot 2^{2093384} + 1$	630176	L181	17	Generalized Fermat
2253	$103 \cdot 2^{2093350} + 1$	630164	L3432	13	
2254	$4001 \cdot 2^{2093286} - 1$	630146	L1959	14	
2255	$14172 \cdot 1027^{209226} - 1$	630103	L4001	18	
2256	$369 \cdot 2^{2093022} + 1$	630065	L3514	14	
2257	$217 \cdot 2^{2092673} - 1$	629960	L2484	18	
2258	$2188 \cdot 253^{262084} + 1$	629823	L4944	20	
2259	$68 \cdot 920^{212407} + 1$	629532	L4001	17	
2260	$165 \cdot 2^{2090645} + 1$	629350	L1209	14	
2261	$1119 \cdot 2^{2090509} + 1$	629309	L2520	14	
2262	$941 \cdot 2^{2090243} + 1$	629229	L1356	14	
2263	$62722^{131072} + 1$	628808	g308	03	Generalized Fermat
2264	$401 \cdot 2^{2088713} + 1$	628768	L3035	14	
2265	$819 \cdot 2^{2088423} + 1$	628681	L3890	14	
2266	$1009 \cdot 2^{2087690} + 1$	628461	L3728	14	
2267	$85 \cdot 2^{2087651} - 1$	628448	L2338	13	
2268	$467 \cdot 2^{2085835} + 1$	627902	L3625	14	
2269	$563528 \cdot 13^{563528} - 1$	627745	p262	09	Generalized Woodall
2270	$55 \cdot 2^{2084305} - 1$	627441	L3887	21	
2271	$437960 \cdot 3^{1313880} + 1$	626886	L2777	12	Generalized Cullen
2272	$18 \cdot 984^{209436} - 1$	626843	L4944	19	
2273	$247 \cdot 2^{2082202} + 1$	626808	L3294	14	
2274	$107 \cdot 2^{2081775} + 1$	626679	L3432	13	Divides $GF(2081774, 6)$
2275	$159 \cdot 2^{2081069} - 1$	626467	L1959	19	
2276	$27 \cdot 634^{223550} + 1$	626409	L4001	18	
2277	$655 \cdot 2^{2080562} + 1$	626315	L3859	14	
2278	$201 \cdot 2^{2080464} + 1$	626285	L1741	14	
2279	$269328 \cdot 211^{269328} + 1$	626000	p354	12	Generalized Cullen
2280	$153 \cdot 2^{2079401} + 1$	625965	L3601	14	
2281	$279 \cdot 2^{2079167} + 1$	625895	L2413	14	
2282	$692 \cdot 95^{316400} - 1$	625755	L4444	19	
2283	$643 \cdot 2^{2078306} + 1$	625636	L3035	14	
2284	$79 \cdot 2^{2078162} + 1$	625591	L2117	13	
2285	$1485 \cdot 2^{2077172} + 1$	625295	L1134	15	
2286	$239 \cdot 2^{2076663} + 1$	625141	L2413	14	
2287	$1003 \cdot 2^{2076535} - 1$	625103	L51	08	
2288	$2186 \cdot 7^{739474} - 1$	624932	p258	11	
2289	$73 \cdot 2^{2075936} + 1$	624921	L3464	13	
2290	$807 \cdot 2^{2075519} + 1$	624797	L3555	14	
2291	$1425 \cdot 2^{2075382} + 1$	624756	L1134	15	
2292	$65 \cdot 2^{2073229} + 1$	624106	L1480	13	
2293	$693 \cdot 2^{2072564} + 1$	623907	L3290	14	
2294	$55 \cdot 55^{227540} - 1$	623903	L4786	19	
2295	$375 \cdot 2^{2071598} + 1$	623616	L2413	14	
2296	$73 \cdot 2^{2071592} + 1$	623614	L1480	13	
2297	$125 \cdot 2^{2071555} + 1$	623603	L3432	13	
2298	$1107 \cdot 2^{2071480} + 1$	623581	L2520	14	

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2299	$6207 \cdot 28^{430803} - 1$	623444	L1471	14	
2300	$299 \cdot 2^{2070979} + 1$	623430	L1741	14	
2301	$99 \cdot 2^{2070908} - 1$	623408	L1862	15	
2302	$19062 \cdot 1027^{206877} - 1$	623029	L4444	18	
2303	$891 \cdot 2^{2069024} + 1$	622842	L2520	14	
2304	$943 \cdot 2^{2068944} + 1$	622818	L1741	14	
2305	$579 \cdot 2^{2068647} + 1$	622728	L2967	14	
2306	$911 \cdot 2^{2068497} + 1$	622683	L1741	14	
2307	$1005 \cdot 2^{2067272} + 1$	622314	L3895	14	
2308	$393 \cdot 2^{2066540} + 1$	622094	L3700	14	
2309	$951 \cdot 2^{2065180} + 1$	621685	L1403	14	
2310	$915 \cdot 2^{2064663} + 1$	621529	L3035	14	
2311	$213 \cdot 2^{2064426} - 1$	621457	L1863	17	
2312	$29 \cdot 468^{232718} + 1$	621416	L4832	18	
2313	$1455 \cdot 2^{2064103} - 1$	621361	L1134	16	
2314	$9 \cdot 2^{2060941} - 1$	620407	L503	08	
2315	$1455 \cdot 2^{2059553} + 1$	619991	L1134	15	
2316	$659 \cdot 2^{2058623} + 1$	619711	L3860	14	
2317	$128448 \cdot 151^{284308} - 1$	619506	L4001	18	
2318	$575 \cdot 2^{2056081} + 1$	618945	L1935	14	
2319	$1095 \cdot 2^{2055975} + 1$	618914	L3518	14	
2320	$3 \cdot 10^{618853} + 1$	618854	p300	12	
2321	$819 \cdot 2^{2054470} + 1$	618461	L2826	14	
2322	$969 \cdot 2^{2054054} + 1$	618335	L3668	14	
2323	$3394 \cdot 28^{427262} + 1$	618320	p385	15	
2324	$318564 \cdot 151^{283711} - 1$	618206	L4444	18	
2325	$675 \cdot 2^{2053578} + 1$	618192	L1792	14	
2326	$178998 \cdot 151^{283702} - 1$	618186	L4001	18	
2327	$5916 \cdot 277^{252878} - 1$	617654	L4944	20	
2328	$739 \cdot 2^{2051658} + 1$	617614	L3838	14	
2329	$71 \cdot 2^{2051313} + 1$	617509	L1480	13	
2330	$265 \cdot 2^{2051155} - 1$	617462	L2484	18	
2331	$779 \cdot 2^{2050881} + 1$	617380	L3453	14	
2332	$75 \cdot 2^{2050637} - 1$	617306	L2055	11	
2333	$935 \cdot 2^{2050113} + 1$	617149	L3696	14	
2334	$847 \cdot 2^{2049400} + 1$	616934	L2322	14	
2335	$4998 \cdot 235^{260170} - 1$	616885	L4944	19	
2336	$73 \cdot 2^{2048754} + 1$	616739	L3432	13	
2337	$527 \cdot 2^{2045751} + 1$	615836	L4123	14	
2338	$785 \cdot 2^{2045419} + 1$	615736	L3861	14	
2339	$195 \cdot 2^{2044789} + 1$	615546	L3744	14	
2340	$537 \cdot 2^{2044162} + 1$	615357	L1741	14	
2341	$413 \cdot 2^{2043829} + 1$	615257	L1300	14	
2342	$345 \cdot 2^{2042295} + 1$	614795	L2562	14	
2343	$216848 \cdot 151^{282017} - 1$	614514	L4700	18	
2344	$104 \cdot 579^{222402} - 1$	614428	L4001	18	
2345	$57257 \cdot 2^{2040062} - 1$	614125	L4812	19	
2346	$1069 \cdot 2^{2039562} + 1$	613973	L1741	14	

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2347	$625 \cdot 2^{2039416} + 1$	613929	L1741	14	Generalized Fermat
2348	$7188 \cdot 313^{245886} - 1$	613624	L4944	20	
2349	$1085 \cdot 2^{2038005} + 1$	613504	L2520	14	
2350	$125 \cdot 2^{2037752} - 1$	613427	L2444	14	
2351	$1069 \cdot 2^{2036902} + 1$	613172	L3876	14	
2352	$10020 \cdot 171^{274566} + 1$	613109	L4944	19	
2353	$417 \cdot 2^{2036482} + 1$	613045	L1847	14	
2354	$701 \cdot 2^{2035955} + 1$	612887	L2823	14	
2355	$1025 \cdot 2^{2034405} + 1$	612420	L1741	14	
2356	$651 \cdot 2^{2034352} + 1$	612404	L3459	14	
2357	$121 \cdot 2^{2033941} - 1$	612280	L162	06	
2358	$19683 \cdot 2^{2033900} + 1$	612270	L1823	19	
2359	$57 \cdot 2^{2033643} + 1$	612190	L3432	13	
2360	$4175 \cdot 2^{2032552} - 1$	611863	L1959	17	
2361	$249 \cdot 2^{2031803} + 1$	611637	L2327	14	
2362	$783 \cdot 2^{2031629} + 1$	611585	L2126	14	
2363	$(290^{124116} - 1)^2 - 2$	611246	p403	19	
2364	$872 \cdot 268^{251714} - 1$	611199	L4944	19	
2365	$4157 \cdot 2^{2029894} - 1$	611063	L1959	17	
2366	$293028 \cdot 151^{280273} - 1$	610714	L4001	18	
2367	$285 \cdot 2^{2028495} + 1$	610641	L2594	14	
2368	$775 \cdot 2^{2027562} + 1$	610360	L1204	14	
2369	$199 \cdot 686^{215171} - 1$	610297	L4001	18	
2370	$4190 \cdot 235^{257371} - 1$	610248	L4944	19	
2371	$621 \cdot 2^{2026864} + 1$	610150	L3446	14	
2372	$357 \cdot 2^{2026846} + 1$	610144	L2163	14	
2373	$122112 \cdot 151^{279966} - 1$	610045	L4001	18	
2374	$879 \cdot 2^{2026501} + 1$	610041	L1139	14	
2375	$4185 \cdot 2^{2026400} - 1$	610011	L1959	17	
2376	$787 \cdot 2^{2026242} + 1$	609963	L2122	14	
2377	$2 \cdot 3^{1277862} + 1$	609696	L5043	20	
2378	$273 \cdot 2^{2024810} - 1$	609531	L5118	20	
2379	$919 \cdot 2^{2024094} + 1$	609316	L1741	14	
2380	$325 \cdot 2^{2024035} - 1$	609298	L4076	15	
2381	$235 \cdot 2^{2023486} + 1$	609133	L2594	14	
2382	$195 \cdot 2^{2023030} + 1$	608996	L4122	14	
2383	$8 \cdot 10^{608989} - 1$	608990	p297	11	Near-repdigit
2384	$1485 \cdot 2^{2022873} + 1$	608949	L1134	15	
2385	$233 \cdot 2^{2022801} + 1$	608927	L3767	14	
2386	$521 \cdot 2^{2022059} + 1$	608704	L3760	14	
2387	$5678 \cdot 1027^{202018} - 1$	608396	L4001	18	
2388	$94 \cdot 790^{209857} + 1$	608090	L4001	18	
2389	$431 \cdot 2^{2019693} + 1$	607991	L2100	14	
2390	$1155 \cdot 2^{2019244} + 1$	607857	L3873	14	
2391	$195 \cdot 2^{2018866} + 1$	607742	L2413	14	
2392	$59506 \cdot 6^{780877} + 1$	607646	p254	13	
2393	$4101 \cdot 2^{2018133} - 1$	607523	L1959	17	
2394	$2152 \cdot 177^{270059} + 1$	607089	L4944	20	

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2395	$4081 \cdot 2^{2015959} - 1$	606868	L1959	17	
2396	$4191 \cdot 2^{2015150} - 1$	606625	L1959	17	
2397	$45 \cdot 2^{2014557} + 1$	606444	L1349	12	Divides $GF(2014552, 10)$
2398	$251749 \cdot 2^{2013995} - 1$	606279	L436	07	Woodall
2399	$126 \cdot 523^{222906} - 1$	605973	L4001	17	
2400	$1023 \cdot 2^{2012570} + 1$	605847	L1741	14	
2401	$403 \cdot 2^{2012412} + 1$	605799	L3538	14	
2402	$1173 \cdot 2^{2012185} + 1$	605732	L1413	14	
2403	$85 \cdot 730^{211537} + 1$	605701	L4001	18	
2404	$Phi(3, -1449889^{49152})$	605684	L4142	17	Generalized unique
2405	$751 \cdot 2^{2010924} + 1$	605352	L3859	14	
2406	$101 \cdot 2^{2009735} + 1$	604993	L3432	13	
2407	$1069 \cdot 2^{2008558} + 1$	604640	L1595	14	
2408	$881 \cdot 2^{2008309} + 1$	604565	L3260	14	
2409	$959 \cdot 2^{2008035} + 1$	604482	L1422	14	
2410	$633 \cdot 2^{2007897} + 1$	604441	L3857	14	
2411	$143 \cdot 2^{2007888} - 1$	604437	L384	16	
2412	$4 \cdot 5^{864751} - 1$	604436	L4881	19	
2413	$223 \cdot 2^{2007748} + 1$	604395	L1741	14	
2414	$461 \cdot 2^{2007631} + 1$	604360	L1300	14	
2415	$477 \cdot 2^{2006719} + 1$	604086	L3803	14	
2416	$428551 \cdot 2^{2006520} + 1$	604029	g411	11	
2417	$1097 \cdot 2^{2005203} + 1$	603630	L3868	14	
2418	$Phi(3, -1373894^{49152})$	603386	L4142	16	Generalized unique
2419	$6 \cdot 5^{862923} + 1$	603159	L4965	20	
2420	$493 \cdot 2^{2002964} + 1$	602955	L3800	14	
2421	$315 \cdot 2^{2002904} + 1$	602937	L3790	14	
2422	$77 \cdot 2^{2002742} - 1$	602888	L2074	13	
2423	$585 \cdot 2^{2002589} + 1$	602843	L3035	14	
2424	$1059 \cdot 2^{2001821} + 1$	602612	L2103	14	
2425	$249 \cdot 2^{2001627} - 1$	602553	L1862	15	
2426	$47 \cdot 158^{273942} - 1$	602307	L541	20	
2427	$1115 \cdot 2^{2000291} + 1$	602151	L3588	14	
2428	$891 \cdot 2^{2000268} + 1$	602144	L3440	14	
2429	$17872 \cdot 430^{228564} + 1$	601921	L4955	20	
2430	$343388 \cdot 151^{276191} - 1$	601820	L4700	18	
2431	$657 \cdot 2^{1998854} + 1$	601718	L2520	13	Divides $GF(1998852, 10)$
2432	$Phi(3, -1316236^{49152})$	601555	L4142	16	Generalized unique
2433	$573 \cdot 2^{1998232} + 1$	601531	L1300	13	
2434	$1323 \cdot 2^{1998103} - 1$	601493	L1828	16	
2435	$Phi(3, -1310544^{49152})$	601370	L4142	16	Generalized unique
2436	$669 \cdot 2^{1995918} + 1$	600835	L2659	13	
2437	$19861029 \cdot 2^{1995311} - 1$	600656	L895	13	
2438	$261 \cdot 2^{1995105} + 1$	600589	L3378	13	
2439	$68398 \cdot 1027^{199397} + 1$	600503	L4001	18	
2440	$1031 \cdot 2^{1994741} + 1$	600480	L2626	14	
2441	$577 \cdot 2^{1994634} + 1$	600448	L3035	13	
2442	$497 \cdot 2^{1994051} + 1$	600272	L2413	13	

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2443	$8331405 \cdot 2^{1993674} - 1$	600163	L260	11	
2444	$467917 \cdot 2^{1993429} - 1$	600088	L160	05	
2445	$137137 \cdot 2^{1993201} - 1$	600019	L321	07	
2446	$589 \cdot 2^{1992774} + 1$	599888	L2322	13	
2447	$209 \cdot 2^{1992071} + 1$	599676	L3422	13	
2448	$2955 \cdot 2^{1991780} - 1$	599589	L1862	19	
2449	$317 \cdot 2^{1991592} - 1$	599532	L1809	14	
2450	$Phi(3, -1249158^{49152})$	599322	L4142	16	Generalized unique
2451	$547 \cdot 2^{1990606} + 1$	599235	L3173	13	
2452	$17 \cdot 2^{1990299} + 1$	599141	g267	06	Divides $GF(1990298, 3)$
2453	$508 \cdot 1017^{199220} - 1$	599122	L4700	17	
2454	$105 \cdot 2^{1989208} - 1$	598814	L1959	14	
2455	$1019 \cdot 2^{1988959} + 1$	598740	L3514	13	
2456	$1455 \cdot 2^{1988795} - 1$	598691	L1134	15	
2457	$629 \cdot 2^{1988579} + 1$	598625	L2117	13	
2458	$101 \cdot 2^{1988279} + 1$	598534	L3141	13	Divides $GF(1988278, 12)$
2459	$733 \cdot 2^{1988086} + 1$	598477	L3502	13	
2460	$135 \cdot 2^{1987735} + 1$	598370	L1300	13	
2461	$162434 \cdot 5^{856004} - 1$	598327	L3410	13	
2462	$749 \cdot 2^{1986977} + 1$	598143	L1492	13	
2463	$4141 \cdot 2^{1986959} - 1$	598138	L1959	16	
2464	$34 \cdot 3^{1253399} + 1$	598025	L4799	20	
2465	$3792 \cdot 217^{255934} - 1$	597984	L4944	20	
2466	$32 \cdot 236^{251993} + 1$	597959	L4786	19	
2467	$174344 \cdot 5^{855138} - 1$	597722	L3354	13	
2468	$6292 \cdot 1027^{198459} + 1$	597678	L4001	18	
2469	$4125 \cdot 2^{1984855} - 1$	597505	L1959	17	
2470	$8331405 \cdot 2^{1984565} - 1$	597421	L260	11	
2471	$1133 \cdot 2^{1984488} - 1$	597394	L1828	16	
2472	$195 \cdot 2^{1983875} - 1$	597209	L1828	14	
2473	$445 \cdot 2^{1980900} + 1$	596313	L3577	13	
2474	$731 \cdot 2^{1980503} + 1$	596194	L3035	13	
2475	$1147 \cdot 2^{1978390} + 1$	595558	L1741	13	
2476	$5758 \cdot 211^{256223} + 1$	595539	L4944	20	
2477	$25 \cdot 2^{1977369} - 1$	595249	L426	08	
2478	$245478 \cdot 151^{273168} - 1$	595233	L4001	18	
2479	$1197 \cdot 2^{1977152} - 1$	595186	L1828	16	
2480	$43 \cdot 780^{205685} + 1$	594863	L4944	19	
2481	$1234 \cdot 95^{300749} - 1$	594802	L4444	19	
2482	$866 \cdot 183^{262883} + 1$	594763	L3610	15	
2483	$386 \cdot 117^{287544} + 1$	594698	L4944	20	
2484	$1149 \cdot 2^{1975451} - 1$	594674	L1828	16	
2485	$381 \cdot 2^{1974841} - 1$	594489	L1809	14	
2486	$19920911 \cdot 2^{1974666} - 1$	594441	L806	17	
2487	$Phi(3, -1109580^{49152})$	594264	L4142	16	Generalized unique
2488	$148323 \cdot 2^{1973319} - 1$	594034	L587	11	
2489	$705 \cdot 2^{1972428} + 1$	593763	L3043	13	
2490	$549 \cdot 2^{1971183} + 1$	593388	L2840	13	

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2491	$4197 \cdot 2^{1970430} - 1$	593163	L1959	16	
2492	$1387 \cdot 2^{1970033} - 1$	593043	L1828	16	
2493	$1616 \cdot 277^{242731} - 1$	592869	L4944	20	
2494	$1693 \cdot 396^{228140} + 1$	592642	L4944	21	
2495	$441 \cdot 2^{1968431} + 1$	592560	L3035	13	
2496	$1485 \cdot 2^{1968400} - 1$	592551	L1134	14	
2497	$1159 \cdot 2^{1968190} + 1$	592488	L3035	13	
2498	$731 \cdot 2^{1968039} + 1$	592442	L3682	13	
2499	$833 \cdot 2^{1967841} + 1$	592383	L3744	13	
2500	$989 \cdot 2^{1967819} + 1$	592376	L3738	13	
2501	$1035 \cdot 2^{1967708} + 1$	592343	L3739	13	
2502	$148 \cdot 789^{204455} + 1$	592325	L4944	19	
2503	$1309 \cdot 2^{1967613} - 1$	592314	L1828	16	
2504	$4025 \cdot 2^{1966732} - 1$	592049	L1959	16	
2505	$203 \cdot 2^{1966689} + 1$	592035	L1408	13	
2506	$101594 \cdot 151^{271697} - 1$	592027	L4001	18	
2507	$273 \cdot 2^{1966630} + 1$	592018	L2532	13	
2508	$93 \cdot 2^{1965880} + 1$	591791	L1210	11	
2509	$253 \cdot 2^{1965215} - 1$	591592	L3345	12	
2510	$1089 \cdot 2^{1964781} + 1$	591462	L3737	13	
2511	$10 \cdot 173^{264234} + 1$	591369	L1471	15	
2512	$1089 \cdot 2^{1964474} + 1$	591369	L3736	13	Generalized Fermat
2513	$125 \cdot 2^{1963964} - 1$	591215	L1959	14	
2514	$\text{Phi}(3, -1020993^{49152})$	590711	L4142	16	Generalized unique
2515	$175 \cdot 2^{1962288} + 1$	590710	L2137	13	Divides $GF(1962284, 10)$
2516	$102088 \cdot 6^{759012} - 1$	590632	L4521	19	
2517	$4065 \cdot 2^{1961907} - 1$	590597	L1959	16	
2518	$113 \cdot 2^{1960341} + 1$	590124	L3091	13	
2519	$57406 \cdot 5^{844253} - 1$	590113	L3313	12	
2520	$225 \cdot 2^{1960083} + 1$	590047	L3548	13	Divides $GF(1960078, 6)$
2521	$1111 \cdot 2^{1959625} - 1$	589909	L1828	16	
2522	$803 \cdot 2^{1959445} + 1$	589855	L2724	13	
2523	$552 \cdot 360^{230680} + 1$	589691	L4944	21	
2524	$45 \cdot 2^{1957377} - 1$	589231	L1862	14	
2525	$1065 \cdot 2^{1957291} - 1$	589207	L1828	16	
2526	$1149 \cdot 2^{1957223} + 1$	589186	L1935	13	
2527	$6326 \cdot 333^{233552} + 1$	589126	L4001	17	
2528	$129 \cdot 2^{1956915} + 1$	589093	L2826	13	
2529	$229 \cdot 2^{1956294} + 1$	588906	L3548	13	
2530	$74 \cdot 500^{218184} - 1$	588874	p355	13	
2531	$27 \cdot 342^{232379} + 1$	588856	L4944	21	
2532	$1045 \cdot 2^{1955356} + 1$	588624	L1186	13	
2533	$112 \cdot 113^{286643} - 1$	588503	L426	12	
2534	$1137 \cdot 2^{1954730} + 1$	588436	L3733	13	
2535	$673 \cdot 2^{1954456} + 1$	588353	L3666	13	
2536	$\text{Phi}(3, -965206^{49152})$	588313	L4142	17	Generalized unique
2537	$121 \cdot 2^{1954243} - 1$	588288	L162	06	
2538	$351 \cdot 2^{1954003} + 1$	588217	L2413	13	

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2539	$641 \cdot 2^{1952941} + 1$	587897	L3487	13	
2540	$188378 \cdot 151^{269725} - 1$	587730	L4001	18	
2541	$4027 \cdot 2^{1951909} - 1$	587587	L1959	16	
2542	$1019 \cdot 138^{274533} + 1$	587471	L4944	20	
2543	$\text{Phi}(3, 94259^{59049})$	587458	p269	14	Generalized unique
2544	$1173 \cdot 2^{1951169} + 1$	587364	L3171	13	
2545	$1101 \cdot 2^{1950812} + 1$	587256	L2719	13	
2546	"P587124"	587124	p414	20	
2547	$4007 \cdot 2^{1949916} - 1$	586987	L1959	16	
2548	$313 \cdot 2^{1949544} + 1$	586874	L2520	13	
2549	$391 \cdot 2^{1949159} - 1$	586758	L2519	14	
2550	$539 \cdot 2^{1949135} + 1$	586751	L1130	13	
2551	$1167 \cdot 2^{1949013} - 1$	586715	L1828	16	
2552	$351 \cdot 2^{1947281} - 1$	586193	L1809	14	
2553	$21290 \cdot 745^{203998} - 1$	585919	L4189	17	
2554	$111 \cdot 2^{1946322} - 1$	585904	L2484	12	
2555	$1209 \cdot 2^{1946260} - 1$	585886	L1828	16	
2556	$1339 \cdot 2^{1945965} - 1$	585797	L1828	16	
2557	$149 \cdot 2^{1945668} - 1$	585707	L3967	15	
2558	$4011 \cdot 2^{1945630} - 1$	585697	L1959	16	
2559	$639 \cdot 2^{1945473} + 1$	585649	L2649	13	
2560	$675 \cdot 2^{1945232} + 1$	585577	L3688	13	
2561	$30364 \cdot 1027^{194319} + 1$	585210	L4001	18	
2562	$417 \cdot 2^{1943755} + 1$	585132	L3173	13	
2563	$89 \cdot 2^{1943337} + 1$	585005	L2413	11	
2564	$\text{Phi}(3, -889529^{49152})$	584827	L4142	16	Generalized unique
2565	$269 \cdot 2^{1942389} + 1$	584720	L3548	13	
2566	$4173 \cdot 2^{1941820} - 1$	584550	L1959	16	
2567	$1093 \cdot 2^{1941672} + 1$	584505	L2322	13	
2568	$193 \cdot 2^{1940804} + 1$	584243	L3418	13	
2569	$827 \cdot 2^{1940747} + 1$	584226	L3206	13	
2570	$221 \cdot 2^{1940211} + 1$	584065	L2327	13	
2571	$421 \cdot 138^{272919} - 1$	584017	L4944	20	
2572	$\text{Phi}(3, -872232^{49152})$	583988	L4142	17	Generalized unique
2573	$9 \cdot 10^{583696} + 1$	583697	L4789	20	Generalized Fermat
2574	$575 \cdot 2^{1938673} + 1$	583602	L2019	13	
2575	$1179 \cdot 2^{1938570} + 1$	583571	L1300	13	
2576	$865 \cdot 2^{1938180} + 1$	583454	L3233	13	
2577	$17702 \cdot 1027^{193732} - 1$	583442	L4700	18	
2578	$1091 \cdot 2^{1937857} + 1$	583357	L3731	13	
2579	$555 \cdot 2^{1937595} + 1$	583277	L2826	13	
2580	$9299 \cdot 2^{1937309} + 1$	583193	L3886	14	
2581	$30 \cdot 386^{225439} + 1$	583120	L3610	15	
2582	$34910 \cdot 430^{221380} - 1$	583002	L4001	15	
2583	$56064 \cdot 1027^{193573} + 1$	582964	L4700	18	
2584	$239 \cdot 2^{1936025} + 1$	582804	L1741	13	
2585	$1191 \cdot 2^{1935613} - 1$	582681	L1828	16	
2586	$4047 \cdot 2^{1934881} - 1$	582461	L1959	16	

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2587	$357 \cdot 2^{1934704} - 1$	582407	L1809	14	
2588	$182627 \cdot 2^{1934664} - 1$	582398	L3336	12	
2589	$64 \cdot 497^{215875} - 1$	582078	L4925	19	
2590	$14172 \cdot 1027^{193213} - 1$	581879	L4001	18	
2591	$363 \cdot 2^{1932724} + 1$	581811	L3171	13	
2592	$1265 \cdot 2^{1932660} - 1$	581792	L1828	16	
2593	$134 \cdot 383^{225187} + 1$	581705	L2012	19	
2594	$143 \cdot 2^{1932112} - 1$	581626	L1828	12	
2595	$48764 \cdot 5^{831946} - 1$	581510	L3313	12	
2596	$1095 \cdot 2^{1931213} - 1$	581357	L1828	16	
2597	$1365 \cdot 2^{1931200} + 1$	581353	L1134	16	
2598	$1789 \cdot 138^{271671} + 1$	581347	L5211	20	
2599	$387 \cdot 2^{1930200} + 1$	581051	L1129	13	
2600	$2135489665061 \cdot 2^{1929362} - 1$	580809	L2484	15	
2601	$1101 \cdot 2^{1929297} - 1$	580780	L1828	16	
2602	$735 \cdot 2^{1929225} + 1$	580758	L3378	13	
2603	$214519 \cdot 2^{1929114} + 1$	580727	g346	06	
2604	$1071 \cdot 2^{1928515} - 1$	580544	L1828	16	
2605	$2 \cdot 47^{346759} + 1$	579816	g424	11	Divides $\Phi(47^{346759}, 2)$
2606	$633 \cdot 2^{1925684} + 1$	579692	L1408	13	
2607	$3580 \cdot 408^{222030} + 1$	579649	L4944	21	
2608	$5724 \cdot 313^{232269} - 1$	579642	L4944	20	
2609	$968 \cdot 288^{235591} + 1$	579414	L4944	20	
2610	$1283 \cdot 2^{1924402} - 1$	579306	L1828	16	
2611	$1005 \cdot 2^{1923658} + 1$	579082	L3514	13	
2612	$243 \cdot 2^{1923567} - 1$	579054	L2055	11	
2613	$4005 \cdot 2^{1923385} - 1$	579001	L1959	16	
2614	$319 \cdot 2^{1923378} + 1$	578997	L3548	13	
2615	$280992 \cdot 151^{265553} - 1$	578640	L4001	18	
2616	$851 \cdot 2^{1922179} + 1$	578637	L3180	13	
2617	$625 \cdot 2^{1921056} + 1$	578299	L3378	13	Generalized Fermat
2618	$314159 \cdot 2^{1920875} + 1$	578247	L4994	19	
2619	$157 \cdot 2^{1920152} + 1$	578026	L2494	13	
2620	$14066 \cdot 60^{324990} + 1$	577886	L4444	18	
2621	$143171 \cdot 2^{1918679} + 1$	577586	L4504	17	
2622	$1187 \cdot 2^{1918188} - 1$	577436	L1828	15	
2623	$\Phi(3, -747624^{49152})$	577407	L4142	16	Generalized unique
2624	$75492 \cdot 151^{264966} - 1$	577360	L4444	18	
2625	$1071 \cdot 2^{1917749} - 1$	577304	L1828	15	
2626	$335 \cdot 2^{1917610} - 1$	577261	L1809	14	
2627	$51 \cdot 712^{202369} - 1$	577256	L4001	18	
2628	$133631 \cdot 28^{398790} - 1$	577118	p255	13	
2629	$191 \cdot 2^{1916611} + 1$	576960	L1792	13	
2630	$1087 \cdot 2^{1916212} + 1$	576841	L2719	13	
2631	$1065 \cdot 2^{1916200} - 1$	576837	L1828	15	
2632	$1682 \cdot 161^{261371} + 1$	576804	L4944	20	
2633	$1125 \cdot 2^{1915695} + 1$	576685	L3719	13	
2634	$\Phi(3, -731896^{49152})$	576499	L4142	16	Generalized unique

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2635	$63348 \cdot 1027^{191392} + 1$	576396	L4001	18	
2636	$93788 \cdot 151^{264402} - 1$	576131	L4001	18	
2637	$207 \cdot 2^{1913067} + 1$	575893	L1741	13	
2638	$80618 \cdot 151^{264291} - 1$	575889	L4001	18	
2639	$849 \cdot 2^{1913021} + 1$	575880	L2413	13	
2640	$72844 \cdot 1027^{191206} + 1$	575836	L4001	18	
2641	$859 \cdot 430^{218562} + 1$	575580	L4944	20	
2642	$280 \cdot 53^{333574} + 1$	575177	L4294	21	
2643	$85 \cdot 2^{1910520} + 1$	575126	L2703	11	
2644	$267 \cdot 2^{1909876} - 1$	574933	L1828	13	
2645	$4103 \cdot 2^{1909766} - 1$	574901	L1959	16	
2646	$621 \cdot 2^{1909716} + 1$	574885	L2117	13	
2647	$611 \cdot 2^{1909525} + 1$	574828	L2413	13	
2648	$379 \cdot 2^{1909097} - 1$	574699	L1809	14	
2649	$435 \cdot 2^{1908579} + 1$	574543	L3385	13	
2650	$4035 \cdot 2^{1907685} - 1$	574275	L1959	16	
2651	$291 \cdot 2^{1907541} - 1$	574230	L2484	13	
2652	$573 \cdot 2^{1907450} + 1$	574203	L2520	13	
2653	$10005 \cdot 2^{1906876} - 1$	574031	L4405	19	
2654	$14 \cdot 814^{197138} - 1$	573796	L4001	18	
2655	$263 \cdot 2^{1904406} - 1$	573286	L2484	15	
2656	$969 \cdot 2^{1904357} + 1$	573272	L2719	13	
2657	$17 \cdot 962^{192155} + 1$	573234	L4786	20	
2658	$27 \cdot 2^{1902689} - 1$	572768	L1153	09	
2659	$553 \cdot 2^{1902102} + 1$	572593	L2520	13	
2660	$4171 \cdot 2^{1901433} - 1$	572392	L1959	16	
2661	$86 \cdot 394^{220461} - 1$	572208	L541	20	
2662	$20707410481 \cdot 2^{1900579} - 1$	572142	L5327	21	
2663	$271562 \cdot 151^{262431} - 1$	571837	L4001	18	
2664	$1323 \cdot 2^{1899548} - 1$	571825	L1828	14	
2665	$10005 \cdot 2^{1898938} - 1$	571642	L4405	19	
2666	$4806 \cdot 37^{364466} - 1$	571560	L4001	15	
2667	$314159 \cdot 2^{1898333} + 1$	571461	L4994	19	
2668	$2707 \cdot 352^{224386} + 1$	571412	L4944	21	
2669	$633 \cdot 2^{1897632} + 1$	571247	L1741	13	
2670	$1131 \cdot 2^{1897379} - 1$	571172	L1828	14	
2671	$7092 \cdot 313^{228770} - 1$	570910	L4944	20	
2672	$707 \cdot 2^{1895035} + 1$	570466	L3035	13	
2673	$3945 \cdot 2^{1894329} - 1$	570254	L4036	15	
2674	$\text{Phi}(3, -628716^{49152})$	570012	L4142	16	Generalized unique
2675	$4157 \cdot 2^{1892772} - 1$	569785	L1959	15	
2676	$154 \cdot 730^{198988} + 1$	569770	L4001	18	
2677	$10005 \cdot 2^{1892466} - 1$	569694	L4405	19	
2678	$1053 \cdot 2^{1891799} - 1$	569492	L1828	14	
2679	$687 \cdot 2^{1891730} + 1$	569471	L3221	13	
2680	$5758 \cdot 211^{244970} + 1$	569384	L4944	20	
2681	$87 \cdot 2^{1891391} + 1$	569368	L2673	11	
2682	$85287 \cdot 2^{1890011} + 1$	568955	p254	11	

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2683	$221 \cdot 2^{1889983} + 1$	568944	L1741	13	
2684	$585 \cdot 2^{1887819} + 1$	568293	L3171	13	
2685	$347 \cdot 2^{1887507} + 1$	568199	L3548	13	
2686	$391 \cdot 2^{1886863} - 1$	568005	L1809	14	
2687	$791 \cdot 2^{1885961} + 1$	567734	L3075	13	
2688	$975 \cdot 2^{1885724} + 1$	567663	L1129	13	
2689	$22 \cdot 615^{203539} - 1$	567647	L4001	18	
2690	$987 \cdot 2^{1885160} + 1$	567493	L2070	13	
2691	$Phi(3, -590826^{49152})$	567358	L4142	17	Generalized unique
2692	$744716047603963 \cdot 2^{1884575} - 1$	567329	L257	13	
2693	$485 \cdot 2^{1884579} + 1$	567318	L3548	13	
2694	$879 \cdot 2^{1883385} + 1$	566959	L3223	13	
2695	$815730721 \cdot 2^{1882432} + 1$	566678	L466	18	Generalized Fermat
2696	$693 \cdot 2^{1881882} + 1$	566506	L2322	13	
2697	$30 \cdot 7^{670289} + 1$	566462	L3610	14	
2698	$639 \cdot 2^{1880451} + 1$	566075	L3141	13	
2699	$277 \cdot 2^{1880022} + 1$	565946	L3418	13	
2700	$46498 \cdot 1027^{187913} + 1$	565918	L4001	18	
2701	$2655 \cdot 2^{1879275} - 1$	565722	L2484	18	
2702	$89 \cdot 2^{1879132} - 1$	565678	L1828	13	
2703	$441 \cdot 2^{1879067} + 1$	565659	L2840	13	
2704	$283 \cdot 2^{1879051} - 1$	565654	L2484	15	
2705	$214 \cdot 378^{219424} - 1$	565566	L4944	20	
2706	$729 \cdot 2^{1877995} + 1$	565336	L1792	13	
2707	$645 \cdot 2^{1877756} + 1$	565264	L2981	13	
2708	$Phi(3, -561180^{49152})$	565160	L4142	17	Generalized unique
2709	$613 \cdot 2^{1876758} + 1$	564964	L2413	13	
2710	$10005 \cdot 2^{1876648} - 1$	564932	L4405	19	
2711	$267 \cdot 2^{1876604} + 1$	564917	L1792	13	
2712	$345067 \cdot 2^{1876573} - 1$	564911	g59	05	
2713	$1063 \cdot 2^{1876427} - 1$	564864	L1828	14	
2714	$1389 \cdot 2^{1876376} - 1$	564849	L1828	14	
2715	$1183414 \cdot 3^{1183414} + 1$	564639	L2841	14	Generalized Cullen
2716	$4015 \cdot 2^{1875453} - 1$	564572	L1959	14	
2717	$1043 \cdot 2^{1875213} + 1$	564499	L2413	13	
2718	$1209 \cdot 2^{1874804} - 1$	564376	L1828	14	
2719	$4125 \cdot 2^{1874718} - 1$	564350	L1959	15	
2720	$1199 \cdot 2^{1874495} + 1$	564283	L2827	13	
2721	$495 \cdot 2^{1874077} + 1$	564157	L1344	13	
2722	$71 \cdot 2^{1873569} + 1$	564003	L1223	11	Divides $GF(1873568, 5)$
2723	$Phi(3, -544951^{49152})$	563907	L4142	17	Generalized unique
2724	$21 \cdot 2^{1872923} - 1$	563808	L2074	12	
2725	$4039 \cdot 2^{1872875} - 1$	563796	L1959	15	
2726	$399878576^{65536} + 1$	563736	L4964	19	Generalized Fermat
2727	$357 \cdot 2^{1871600} - 1$	563411	L2519	14	
2728	$1309 \cdot 2^{1871045} - 1$	563244	L1828	14	
2729	$Phi(3, -533612^{49152})$	563010	L4142	17	Generalized unique
2730	$735 \cdot 2^{1870118} + 1$	562965	L3075	13	

rank	description	digits	who	year	comment
2731	$575 \cdot 2^{1869989} + 1$	562926	L3650	13	
2732	$315 \cdot 2^{1869119} - 1$	562664	L2235	12	
2733	$19683 \cdot 2^{1868828} + 1$	562578	L3784	19	
2734	$933 \cdot 2^{1868602} + 1$	562509	L3709	13	
2735	$503 \cdot 2^{1868417} + 1$	562453	L3378	13	
2736	$1073 \cdot 2^{1867944} - 1$	562311	L1828	14	
2737	$2 \cdot 1595^{175532} - 1$	562188	L4961	19	Is prime! (562188 decimal digits, p = 9) time : 9987 · 080 sec ·
2738	$1115 \cdot 2^{1866094} - 1$	561754	L1828	14	
2739	$70 \cdot 905^{189879} - 1$	561408	L541	17	
2740	$407 \cdot 2^{1864735} + 1$	561344	L2520	13	
2741	$10005 \cdot 2^{1864432} - 1$	561254	L4405	19	
2742	$489 \cdot 2^{1864339} + 1$	561225	L2520	13	
2743	$427 \cdot 2^{1863702} + 1$	561033	L3586	13	
2744	$1161 \cdot 2^{1863637} + 1$	561014	L3213	13	
2745	$2 \cdot 3^{1175232} + 1$	560729	p199	10	
2746	$347 \cdot 2^{1861974} - 1$	560513	L2519	14	
2747	$13 \cdot 2^{1861732} + 1$	560439	g267	05	Divides $GF(1861731, 6)$
2748	$411 \cdot 2^{1861627} + 1$	560409	L1741	13	
2749	$281 \cdot 2^{1860862} - 1$	560178	L2484	15	
2750	$1165 \cdot 2^{1860749} - 1$	560145	L1828	14	
2751	$231 \cdot 2^{1860743} - 1$	560142	L1862	15	
2752	$103 \cdot 2^{1860103} - 1$	559949	L2484	12	
2753	$350006744^{65536} + 1$	559945	L4964	19	Generalized Fermat
2754	$11726 \cdot 1027^{185913} - 1$	559895	L4001	18	
2755	$2655 \cdot 2^{1859692} - 1$	559827	L1862	18	
2756	$161 \cdot 2^{1859586} - 1$	559794	L177	13	
2757	$51 \cdot 2^{1859193} + 1$	559675	L1204	11	
2758	$1177 \cdot 2^{1859144} + 1$	559662	L3625	13	
2759	$1818 \cdot 378^{217098} + 1$	559572	L4944	21	
2760	$1455 \cdot 2^{1858634} - 1$	559508	L1134	15	
2761	$8331405 \cdot 2^{1858587} - 1$	559498	L260	11	
2762	$8 \cdot 3^{1172480} + 1$	559417	L4799	20	
2763	$669 \cdot 2^{1857223} + 1$	559083	L2413	13	
2764	$296990 \cdot 151^{256535} - 1$	558990	L4700	18	
2765	$1125 \cdot 2^{1856703} - 1$	558927	L1828	14	
2766	$52600 \cdot 91^{285235} + 1$	558792	L4944	20	
2767	$1155 \cdot 2^{1855389} - 1$	558531	L1828	14	
2768	$4031 \cdot 2^{1855338} - 1$	558516	L1959	14	
2769	$229 \cdot 372^{217261} - 1$	558482	L4876	19	
2770	$Phi(3, -478421^{49152})$	558349	L4142	17	Generalized unique
2771	$126072 \cdot 31^{374323} - 1$	558257	L2054	12	
2772	$3^{1170000} + 3^{364398} + 1$	558232	x44	17	
2773	$435 \cdot 2^{1853363} - 1$	557921	L4036	15	
2774	$1229 \cdot 2^{1853192} - 1$	557870	L1828	14	
2775	$3161 \cdot 618^{199877} + 1$	557858	L4714	18	
2776	$333 \cdot 2^{1853115} - 1$	557846	L1830	12	
2777	$87 \cdot 2^{1852590} - 1$	557688	L2055	11	

rank	description	digits	who	year	comment
2778	$765 \cdot 2^{1849609} + 1$	556791	L1792	13	
2779	$137 \cdot 2^{1849238} - 1$	556679	L321	07	
2780	$639 \cdot 2^{1848903} + 1$	556579	L3439	13	
2781	$1061 \cdot 268^{229202} - 1$	556537	L4944	19	
2782	$261 \cdot 2^{1848217} + 1$	556372	L1983	13	
2783	$Phi(3, -456551^{49152})$	556351	L4142	17	Generalized unique
2784	$88 \cdot 107^{273915} - 1$	555881	L4444	21	
2785	$275 \cdot 2^{1846390} - 1$	555822	L2444	14	
2786	$1011 \cdot 2^{1846173} + 1$	555757	L3221	13	
2787	$1029 \cdot 2^{1844975} + 1$	555396	L2626	13	
2788	$133 \cdot 2^{1843619} - 1$	554987	L1959	14	
2789	$261 \cdot 2^{1843555} - 1$	554968	L1828	13	
2790	$2^{120} \cdot 611953\# \cdot 611957^{50000} + 1$	554832	p383	15	
2791	$73246 \cdot 1027^{184192} + 1$	554713	L4001	18	
2792	$953 \cdot 2^{1841461} + 1$	554338	L3612	13	
2793	$4171 \cdot 2^{1841157} - 1$	554248	L1959	16	
2794	$1089 \cdot 2^{1840695} - 1$	554108	L1828	14	
2795	$105 \cdot 2^{1840262} - 1$	553977	L1959	14	
2796	$1009 \cdot 2^{1840225} - 1$	553966	L1828	14	
2797	$1323 \cdot 2^{1839623} - 1$	553785	L1828	14	
2798	$681 \cdot 2^{1839269} + 1$	553678	L3141	13	
2799	$399 \cdot 2^{1839019} - 1$	553603	L1809	14	
2800	$779 \cdot 2^{1838955} + 1$	553584	L3640	13	
2801	$135 \cdot 2^{1838124} + 1$	553333	L3472	13	
2802	$15 \cdot 2^{1837873} - 1$	553257	L632	08	
2803	$28 \cdot 392^{213295} - 1$	553137	L4001	17	
2804	$379 \cdot 2^{1837291} - 1$	553083	L1809	14	
2805	$333 \cdot 2^{1837105} + 1$	553027	L3470	13	
2806	$4167 \cdot 2^{1836466} - 1$	552835	L1959	15	
2807	$309 \cdot 2^{1836139} + 1$	552736	L3460	13	
2808	$271018852^{65536} + 1$	552666	L4704	19	Generalized Fermat
2809	$4061 \cdot 2^{1835582} - 1$	552569	L1959	14	
2810	$423 \cdot 2^{1835585} + 1$	552569	L2873	13	
2811	$1181 \cdot 2^{1834802} - 1$	552334	L1828	14	
2812	$73 \cdot 2^{1834526} + 1$	552250	L1513	11	
2813	$309 \cdot 2^{1834379} + 1$	552206	L3471	13	
2814	$3748 \cdot 333^{218908} + 1$	552187	L4575	17	
2815	$87 \cdot 2^{1834098} + 1$	552121	L1513	11	
2816	$1021 \cdot 2^{1833459} - 1$	551930	L1828	14	
2817	$34 \cdot 813^{189659} - 1$	551927	L4001	18	
2818	$121458 \cdot 151^{253264} - 1$	551862	L4001	18	
2819	$1485 \cdot 2^{1832651} - 1$	551687	L1134	14	
2820	$3 \cdot 2^{1832496} + 1$	551637	p189	07	Divides $GF(1832490, 3)$, $GF(1832494, 5)$
2821	$549 \cdot 2^{1832457} + 1$	551628	L3641	13	
2822	$295 \cdot 2^{1832129} - 1$	551529	L2444	14	
2823	$761 \cdot 2^{1831569} + 1$	551361	L2117	13	
2824	$519 \cdot 2^{1831415} + 1$	551314	L3277	13	

rank	description	digits	who	year	comment
2825	$21 \cdot 2^{1830919} + 1$	551163	g279	04	
2826	$197 \cdot 2^{1830255} + 1$	550964	L1360	13	
2827	$4 \cdot 3^{1154598} + 1$	550884	L4962	19	Generalized Fermat
2828	$63708 \cdot 151^{252785} - 1$	550818	L4001	18	
2829	$10 \cdot 3^{1153674} + 1$	550444	L4965	20	
2830	$6297 \cdot 46^{330940} - 1$	550277	L4001	19	
2831	$1021 \cdot 2^{1827279} - 1$	550069	L1828	13	
2832	$825 \cdot 2^{1825439} + 1$	549515	L3289	13	
2833	$679 \cdot 2^{1824918} + 1$	549358	L2100	13	
2834	$39 \cdot 2^{1824871} + 1$	549343	L2664	11	Divides $GF(1824867, 6)$
2835	$4029 \cdot 2^{1824569} - 1$	549254	L1959	15	
2836	$235 \cdot 2^{1824515} - 1$	549237	L2444	14	
2837	$162668 \cdot 5^{785748} - 1$	549220	L3190	12	
2838	$389 \cdot 2^{1824385} + 1$	549198	L1487	13	
2839	$1135 \cdot 2^{1824103} - 1$	549113	L1828	13	
2840	$4005 \cdot 2^{1823819} - 1$	549028	L1959	15	
2841	$91179 \cdot 2^{1823580} - 1$	548958	L2777	16	
2842	$3874 \cdot 253^{228394} + 1$	548862	L4944	20	
2843	$991 \cdot 2^{1822216} + 1$	548545	L1312	13	
2844	$13984 \cdot 24^{397259} + 1$	548306	L4806	19	
2845	$1089 \cdot 2^{1821417} + 1$	548305	L1741	13	
2846	$993 \cdot 2^{1821088} + 1$	548206	L2131	13	
2847	$513 \cdot 2^{1820982} + 1$	548173	L2826	13	
2848	$933 \cdot 2^{1820068} + 1$	547899	L2895	13	
2849	$921 \cdot 2^{1819560} + 1$	547746	L1741	13	
2850	$557 \cdot 2^{1819191} + 1$	547634	L2526	13	
2851	$20 \cdot 317^{218953} + 1$	547616	L541	20	
2852	$593 \cdot 2^{1818825} + 1$	547524	L3630	13	
2853	$1161 \cdot 2^{1818637} + 1$	547468	L2399	13	
2854	$1387 \cdot 2^{1818593} - 1$	547455	L1828	12	
2855	$875 \cdot 2^{1818427} + 1$	547405	L3035	13	
2856	$229 \cdot 2^{1818078} + 1$	547299	L3456	13	
2857	$454483 \cdot 2^{1817935} - 1$	547259	p77	14	
2858	$127 \cdot 2^{1817862} + 1$	547234	L3452	13	
2859	$4065 \cdot 2^{1817502} - 1$	547127	L1959	15	
2860	$35 \cdot 2^{1817486} - 1$	547120	L2074	11	
2861	$1155 \cdot 2^{1816779} - 1$	546909	L1828	12	
2862	$69 \cdot 2^{1816739} + 1$	546895	L1204	11	
2863	$4101 \cdot 2^{1816007} - 1$	546677	L1959	15	
2864	$875 \cdot 2^{1814911} + 1$	546346	L3691	13	
2865	$18092 \cdot 565^{198465} - 1$	546190	L4001	17	
2866	$1029 \cdot 2^{1813839} + 1$	546023	L3378	13	
2867	$555 \cdot 2^{1813556} + 1$	545938	L3233	13	
2868	$33 \cdot 2^{1813526} - 1$	545928	L621	08	
2869	$1347 \cdot 2^{1813433} - 1$	545901	L1828	12	
2870	$1143 \cdot 2^{1813125} + 1$	545809	L3514	13	
2871	$1197 \cdot 2^{1811852} + 1$	545425	L3035	13	
2872	$10007 \cdot 2^{1811598} - 1$	545350	L1751	18	

rank	description	digits	who	year	comment
2873	$693 \cdot 2^{1811517} + 1$	545324	L2967	13	
2874	$1099 \cdot 2^{1810686} + 1$	545074	L3458	13	
2875	$92 \cdot 10^{544905} - 1$	544907	L3735	15	Near-repdigit
2876	$1305 \cdot 2^{1809766} - 1$	544797	L1828	11	
2877	$1185 \cdot 2^{1809466} - 1$	544707	L1828	11	
2878	$659 \cdot 2^{1808691} + 1$	544474	L3625	13	
2879	$145 \cdot 2^{1807767} - 1$	544195	L840	13	
2880	$9 \cdot 2^{1807574} + 1$	544135	L2419	11	Generalized Fermat
2881	$4117 \cdot 2^{1807085} - 1$	543991	L1959	14	
2882	$375 \cdot 2^{1806591} + 1$	543841	L3233	13	
2883	$889 \cdot 2^{1806470} + 1$	543805	L2967	13	
2884	$1033 \cdot 2^{1805844} + 1$	543617	L1502	13	
2885	$4039 \cdot 2^{1805627} - 1$	543552	L1959	15	
2886	$981 \cdot 2^{1805368} + 1$	543473	L2413	13	
2887	$915 \cdot 2^{1805031} + 1$	543372	L1741	13	
2888	$691 \cdot 2^{1804332} + 1$	543161	L3625	13	
2889	$4089 \cdot 2^{1803463} - 1$	542901	L1959	16	
2890	$1965 \cdot 2^{1803256} - 1$	542838	L4113	17	
2891	$385 \cdot 2^{1802362} + 1$	542568	L3279	13	
2892	$661 \cdot 2^{1802024} + 1$	542467	L2967	13	
2893	$2415 \cdot 2^{1801615} - 1$	542344	L2484	18	
2894	$985 \cdot 2^{1801582} + 1$	542334	L3035	13	
2895	$285 \cdot 2^{1801236} - 1$	542229	L5313	21	
2896	$301 \cdot 2^{1801207} - 1$	542220	p281	10	
2897	$1193 \cdot 2^{1801112} - 1$	542192	L1828	11	
2898	$513755!_5 - 1$	542165	x46	19	Multifactorial
2899	$417643 \cdot 2^{1800787} - 1$	542097	L134	05	
2900	$1045 \cdot 2^{1800784} + 1$	542094	L3141	13	
2901	$4017 \cdot 2^{1800617} - 1$	542044	L1959	14	
2902	$33910 \cdot 1027^{179973} + 1$	542006	L4700	18	
2903	$320607 \cdot 2^{1800434} - 1$	541991	g337	19	
2904	$1045 \cdot 2^{1800025} - 1$	541865	L1828	11	
2905	$4009 \cdot 2^{1799073} - 1$	541579	L1959	15	
2906	$43 \cdot 2^{1799016} + 1$	541560	L2562	11	
2907	$4079 \cdot 2^{1798192} - 1$	541314	L1959	14	
2908	$3271 \cdot 372^{210566} - 1$	541273	L4944	19	
2909	$19683 \cdot 2^{1797997} + 1$	541256	L4970	19	
2910	$220502!_2 + 1$	541239	p394	17	Multifactorial
2911	$1047 \cdot 2^{1797890} + 1$	541222	L3473	13	
2912	$1965 \cdot 2^{1797877} - 1$	541219	L4113	17	
2913	$3^{1134000} + 3^{360654} + 1$	541056	x44	17	
2914	$319 \cdot 2^{1797261} - 1$	541032	L1819	13	
2915	$1712 \cdot 333^{214484} + 1$	541028	L4575	17	
2916	$1103 \cdot 2^{1796969} + 1$	540945	L2826	13	
2917	$197 \cdot 2^{1796284} - 1$	540738	L1862	15	
2918	$4137 \cdot 2^{1796226} - 1$	540722	L1959	15	
2919	$174 \cdot 643^{192540} - 1$	540696	L4001	18	
2920	$10041 \cdot 2^{1795990} - 1$	540651	p168	17	

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2921	$43 \cdot 2^{1795628} + 1$	540540	L1129	11	
2922	$11682 \cdot 1027^{179399} + 1$	540277	L4001	18	
2923	$383 \cdot 2^{1794636} - 1$	540242	L1809	14	
2924	$14172 \cdot 1027^{179381} - 1$	540223	L4001	18	
2925	$4119 \cdot 2^{1794544} - 1$	540216	L1959	15	
2926	$423 \cdot 2^{1794546} + 1$	540215	L3131	13	
2927	$1101 \cdot 2^{1794417} - 1$	540177	L1828	14	
2928	$387 \cdot 2^{1793857} - 1$	540008	L2519	14	
2929	$Phi(3, -311095^{49152})$	539974	L4142	16	Generalized unique
2930	$105 \cdot 2^{1793519} - 1$	539906	L1959	14	
2931	$1223 \cdot 618^{193431} + 1$	539867	L4001	18	
2932	$1103 \cdot 2^{1792513} + 1$	539604	L3262	13	
2933	$431 \cdot 2^{1791441} + 1$	539281	L3453	13	
2934	$1185 \cdot 2^{1791429} - 1$	539277	L1828	14	
2935	$13460 \cdot 171^{241448} + 1$	539157	L4944	19	
2936	$16 \cdot 140^{251178} + 1$	539062	L4940	19	Generalized Fermat
2937	$607 \cdot 2^{1790196} + 1$	538906	L4123	13	
2938	$1293991 \cdot 2^{1790128} + 1$	538889	L4789	19	
2939	$143157 \cdot 2^{1789798} + 1$	538789	L4504	16	
2940	$1059 \cdot 2^{1789353} + 1$	538652	L1130	13	
2941	$975 \cdot 2^{1789341} + 1$	538649	L2085	13	
2942	$273 \cdot 2^{1788926} - 1$	538523	L1828	13	
2943	$4125 \cdot 2^{1788660} - 1$	538444	L1959	15	
2944	$289184 \cdot 5^{770116} - 1$	538294	p353	12	
2945	$1065 \cdot 2^{1787993} - 1$	538243	L1828	14	
2946	$441 \cdot 2^{1787789} + 1$	538181	L1209	13	
2947	$565 \cdot 2^{1787136} + 1$	537985	L1512	13	
2948	$247 \cdot 2^{1786968} + 1$	537934	L2533	13	
2949	$227 \cdot 2^{1786779} + 1$	537877	L2058	13	
2950	$11812 \cdot 5^{769343} - 1$	537752	p341	12	
2951	$933 \cdot 2^{1786320} + 1$	537739	L1505	13	
2952	$507 \cdot 2^{1786194} + 1$	537701	L3422	13	
2953	$921 \cdot 2^{1785808} + 1$	537585	L3262	13	
2954	$179114 \cdot 151^{246711} - 1$	537583	L4700	18	
2955	$1187 \cdot 2^{1785707} + 1$	537555	L1753	13	
2956	$55555 \cdot 2^{1785446} + 1$	537478	L4828	18	
2957	$256 \cdot 14^{468784} + 1$	537289	L3802	14	Generalized Fermat
2958	$63 \cdot 2^{1784498} + 1$	537190	L1415	11	
2959	$158 \cdot 911^{181509} + 1$	537182	L4944	19	
2960	$117134 \cdot 151^{246492} - 1$	537106	L4001	18	
2961	$1333 \cdot 2^{1784103} - 1$	537072	L1828	14	
2962	$2060 \cdot 135^{252066} - 1$	536989	L4944	19	
2963	$231 \cdot 2^{1783821} + 1$	536986	L3262	13	
2964	$3098 \cdot 565^{195049} - 1$	536788	L4001	17	
2965	$4416 \cdot 217^{229737} - 1$	536775	L4944	20	
2966	$4069 \cdot 2^{1781691} - 1$	536347	L1959	14	
2967	$575 \cdot 2^{1781313} + 1$	536232	L3262	13	
2968	$883 \cdot 2^{1780324} + 1$	535934	L2963	13	

rank	description	digits	who	year	comment
2969	$391 \cdot 2^{1780155} - 1$	535883	L1809	14	
2970	$45 \cdot 2^{1779971} + 1$	535827	L1223	11	Divides $GF(1779969, 5)$
2971	$357659 \cdot 2^{1779748} - 1$	535764	L47	05	
2972	$123 \cdot 2^{1779728} - 1$	535754	L3967	14	
2973	$1061 \cdot 2^{1779595} + 1$	535715	L3445	13	
2974	$455 \cdot 2^{1779315} + 1$	535630	L2121	13	
2975	$663251 \cdot 2^{1778899} + 1$	535508	L4789	18	
2976	$31521 \cdot 2^{1778899} - 1$	535507	L3519	15	
2977	$863 \cdot 2^{1778737} + 1$	535457	L1505	13	
2978	$316594 \cdot 5^{766005} - 1$	535421	L3157	12	
2979	$99 \cdot 2^{1777688} - 1$	535140	L1862	11	
2980	$1806 \cdot 213^{229825} + 1$	535124	L4944	20	
2981	$5 \cdot 2^{1777515} + 1$	535087	p148	05	Divides $GF(1777511, 5)$, $GF(1777514, 6)$
2982	$511 \cdot 2^{1777488} + 1$	535080	L2873	13	
2983	$243 \cdot 2^{1777467} - 1$	535074	L2055	11	
2984	$66 \cdot 163^{241811} + 1$	534934	L4944	19	
2985	$112 \cdot 281^{218429} - 1$	534871	L4001	18	
2986	$177 \cdot 2^{1775674} - 1$	534534	L2101	12	
2987	$293 \cdot 2^{1775450} - 1$	534467	L2074	14	
2988	$1005 \cdot 2^{1775235} - 1$	534402	L1828	14	
2989	$773 \cdot 138^{249730} - 1$	534395	L5092	20	
2990	$129 \cdot 2^{1774709} + 1$	534243	L2526	13	Divides $GF(1774705, 12)$
2991	$4053 \cdot 2^{1773028} - 1$	533739	L1959	15	
2992	$1471 \cdot 2^{1772755} - 1$	533656	L1830	20	
2993	$24328 \cdot 52^{310932} + 1$	533565	L4944	19	
2994	$163 \cdot 2^{1771524} + 1$	533285	L1741	13	
2995	$381 \cdot 2^{1771493} + 1$	533276	L3444	13	
2996	$795 \cdot 2^{1770840} + 1$	533079	L1505	13	
2997	$\text{Phi}(3, -264017^{49152})$	532969	L4142	16	Generalized unique
2998	$665 \cdot 2^{1769303} + 1$	532617	L3441	13	
2999	$473 \cdot 2^{1769101} + 1$	532556	L3459	13	
3000	$855 \cdot 2^{1768644} + 1$	532418	L1675	13	
3001	$99 \cdot 2^{1768187} + 1$	532280	L2517	11	
3002	$273 \cdot 2^{1766747} - 1$	531847	L1828	13	
3003	$191 \cdot 2^{1766221} + 1$	531688	L2539	13	
3004	$4045 \cdot 2^{1765913} - 1$	531597	L1959	15	
3005	$190088 \cdot 5^{760352} - 1$	531469	L2841	12	Generalized Woodall
3006	$1005 \cdot 2^{1765454} - 1$	531458	L1828	14	
3007	$35 \cdot 2^{1765449} + 1$	531455	L1204	11	
3008	$1347 \cdot 2^{1765384} - 1$	531437	L1828	14	
3009	$981 \cdot 2^{1765221} + 1$	531388	L1204	13	
3010	$255 \cdot 2^{1765113} + 1$	531355	L2085	13	
3011	$399 \cdot 2^{1764851} - 1$	531276	L1809	14	
3012	$65 \cdot 2^{1764687} + 1$	531226	L1125	11	
3013	$717 \cdot 2^{1763367} + 1$	530830	L3440	13	
3014	$255 \cdot 2^{1763221} - 1$	530785	L2484	15	
3015	$43809 \cdot 6^{681994} - 1$	530700	L4521	18	

rank	description	digits	who	year	comment
3016	$124801100^{65536} + 1$	530594	L4853	21	Generalized Fermat
3017	$335 \cdot 2^{1762548} - 1$	530583	L1809	14	
3018	$124703608^{65536} + 1$	530572	L4753	21	Generalized Fermat
3019	$124583790^{65536} + 1$	530545	L5322	21	Generalized Fermat
3020	$124575028^{65536} + 1$	530543	L5321	21	Generalized Fermat
3021	$124490560^{65536} + 1$	530523	L4753	21	Generalized Fermat
3022	$1399 \cdot 2^{1762191} - 1$	530476	L1828	14	
3023	$2895 \cdot 2^{1762011} - 1$	530422	L2484	18	
3024	$16193 \cdot 22^{395119} - 1$	530421	p255	13	
3025	$123999938^{65536} + 1$	530411	L5205	21	Generalized Fermat
3026	$531 \cdot 2^{1761689} + 1$	530324	L3458	13	
3027	$123590068^{65536} + 1$	530317	L5312	21	Generalized Fermat
3028	$123507760^{65536} + 1$	530298	L4853	21	Generalized Fermat
3029	$123440486^{65536} + 1$	530282	L5205	21	Generalized Fermat
3030	$123388310^{65536} + 1$	530270	L4249	21	Generalized Fermat
3031	$123364798^{65536} + 1$	530265	L4905	21	Generalized Fermat
3032	$123133394^{65536} + 1$	530211	L4747	21	Generalized Fermat
3033	$123104850^{65536} + 1$	530205	L5007	21	Generalized Fermat
3034	$122938900^{65536} + 1$	530166	L5271	21	Generalized Fermat
3035	$122873426^{65536} + 1$	530151	L4726	21	Generalized Fermat
3036	$122809274^{65536} + 1$	530136	L5304	21	Generalized Fermat
3037	$963 \cdot 2^{1761050} + 1$	530132	L1204	13	
3038	$122745454^{65536} + 1$	530122	L5030	21	Generalized Fermat
3039	$122700492^{65536} + 1$	530111	L5030	21	Generalized Fermat
3040	$122691846^{65536} + 1$	530109	L5206	21	Generalized Fermat
3041	$1253 \cdot 2^{1760738} - 1$	530039	L1828	14	
3042	$122354882^{65536} + 1$	530031	L4308	21	Generalized Fermat
3043	$122264264^{65536} + 1$	530010	L4659	21	Generalized Fermat
3044	$122011650^{65536} + 1$	529951	L4880	21	Generalized Fermat
3045	$121974060^{65536} + 1$	529942	L5275	21	Generalized Fermat
3046	$121857822^{65536} + 1$	529915	L5275	21	Generalized Fermat
3047	$62176 \cdot 1027^{175956} + 1$	529909	L4001	18	
3048	$4199 \cdot 2^{1760292} - 1$	529905	L1959	14	
3049	$1037 \cdot 2^{1760216} - 1$	529881	L1828	14	
3050	$121568608^{65536} + 1$	529847	L4880	21	Generalized Fermat
3051	$121372932^{65536} + 1$	529802	L4341	21	Generalized Fermat
3052	$121281656^{65536} + 1$	529780	L5025	21	Generalized Fermat
3053	$121238358^{65536} + 1$	529770	L5157	21	Generalized Fermat
3054	$121237796^{65536} + 1$	529770	L5234	21	Generalized Fermat
3055	$121140458^{65536} + 1$	529747	L5275	21	Generalized Fermat
3056	$121086190^{65536} + 1$	529734	L5056	21	Generalized Fermat
3057	$121075332^{65536} + 1$	529732	L4672	21	Generalized Fermat
3058	$121000342^{65536} + 1$	529714	L4945	21	Generalized Fermat
3059	$120749884^{65536} + 1$	529655	L5005	21	Generalized Fermat
3060	$969 \cdot 2^{1759430} + 1$	529645	L3262	13	
3061	$120681448^{65536} + 1$	529639	L4308	21	Generalized Fermat
3062	$119 \cdot 2^{1759247} + 1$	529589	L3035	13	
3063	$2 \cdot 191^{232149} + 1$	529540	g424	11	Divides $\Phi(191^{232149}, 2)$

rank	description	digits	who	year	comment
3064	$417 \cdot 2^{1759055} + 1$	529531	L2623	13	
3065	$120186908^{65536} + 1$	529522	L4285	21	Generalized Fermat
3066	$2565 \cdot 2^{1758906} - 1$	529487	L2484	18	
3067	$119738978^{65536} + 1$	529416	L5040	21	Generalized Fermat
3068	$119717536^{65536} + 1$	529411	L4942	21	Generalized Fermat
3069	$119690728^{65536} + 1$	529404	L4308	21	Generalized Fermat
3070	$119624454^{65536} + 1$	529389	L5255	21	Generalized Fermat
3071	$119491626^{65536} + 1$	529357	L5039	21	Generalized Fermat
3072	$3846 \cdot 2^{383526} + 1$	529351	L4806	19	
3073	$119452152^{65536} + 1$	529347	L4308	21	Generalized Fermat
3074	$119418048^{65536} + 1$	529339	L4977	21	Generalized Fermat
3075	$119298770^{65536} + 1$	529311	L4904	21	Generalized Fermat
3076	$119199112^{65536} + 1$	529287	L4977	21	Generalized Fermat
3077	$119063128^{65536} + 1$	529255	L4672	21	Generalized Fermat
3078	$119032648^{65536} + 1$	529247	L5030	21	Generalized Fermat
3079	$118708030^{65536} + 1$	529170	L4726	21	Generalized Fermat
3080	$118641422^{65536} + 1$	529154	L5025	21	Generalized Fermat
3081	$118589830^{65536} + 1$	529141	L4672	21	Generalized Fermat
3082	$787 \cdot 2^{1757702} + 1$	529124	L3436	13	
3083	$118270626^{65536} + 1$	529065	L4760	21	Generalized Fermat
3084	$118264992^{65536} + 1$	529063	L5025	21	Generalized Fermat
3085	$118192550^{65536} + 1$	529046	L4760	21	Generalized Fermat
3086	$118147416^{65536} + 1$	529035	L5025	21	Generalized Fermat
3087	$118050932^{65536} + 1$	529012	L5289	21	Generalized Fermat
3088	$2386 \cdot 5^{2308276} + 1$	529007	L4944	19	
3089	$117874676^{65536} + 1$	528969	L4308	21	Generalized Fermat
3090	$117805866^{65536} + 1$	528952	L4308	21	Generalized Fermat
3091	$117701722^{65536} + 1$	528927	L5165	21	Generalized Fermat
3092	$117686134^{65536} + 1$	528924	L4308	21	Generalized Fermat
3093	$117457872^{65536} + 1$	528868	L4905	21	Generalized Fermat
3094	$357 \cdot 2^{1756764} - 1$	528842	L2519	14	
3095	$57 \cdot 2^{1756702} + 1$	528822	L1741	11	
3096	$117048732^{65536} + 1$	528769	L4550	21	Generalized Fermat
3097	$135 \cdot 2^{1756478} + 1$	528755	L3127	13	
3098	$116954070^{65536} + 1$	528746	L5025	21	Generalized Fermat
3099	$116911588^{65536} + 1$	528736	L5254	21	Generalized Fermat
3100	$855 \cdot 2^{1756269} + 1$	528693	L2636	13	
3101	$116720780^{65536} + 1$	528689	L5288	21	Generalized Fermat
3102	$116701162^{65536} + 1$	528684	L4210	21	Generalized Fermat
3103	$603 \cdot 2^{1756142} + 1$	528655	L2559	13	
3104	$116572908^{65536} + 1$	528653	L4720	21	Generalized Fermat
3105	$116501302^{65536} + 1$	528636	L4904	21	Generalized Fermat
3106	$116462144^{65536} + 1$	528626	L5234	21	Generalized Fermat
3107	$71 \cdot 2^{1755965} + 1$	528600	L1741	11	
3108	$485 \cdot 2^{1755887} + 1$	528578	L3262	13	
3109	$116249158^{65536} + 1$	528574	L4308	21	Generalized Fermat
3110	$115797490^{65536} + 1$	528463	L4308	21	Generalized Fermat
3111	$115709936^{65536} + 1$	528442	L5234	21	Generalized Fermat

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3112	$115707022^{65536} + 1$	528441	L5234	21	Generalized Fermat
3113	$31 \cdot 2^{1755317} - 1$	528405	L330	11	
3114	$955 \cdot 2^{1755312} + 1$	528405	L1741	13	
3115	$115457324^{65536} + 1$	528379	L4747	21	Generalized Fermat
3116	$115408880^{65536} + 1$	528367	L4920	21	Generalized Fermat
3117	$115357190^{65536} + 1$	528355	L4599	21	Generalized Fermat
3118	$115354566^{65536} + 1$	528354	L4871	21	Generalized Fermat
3119	$115347856^{65536} + 1$	528352	L4726	21	Generalized Fermat
3120	$115294854^{65536} + 1$	528339	L4544	21	Generalized Fermat
3121	$115268620^{65536} + 1$	528333	L4308	21	Generalized Fermat
3122	$115220208^{65536} + 1$	528321	L5234	21	Generalized Fermat
3123	$115157240^{65536} + 1$	528305	L5040	21	Generalized Fermat
3124	$1391 \cdot 2^{1754922} - 1$	528288	L1828	14	
3125	$114722794^{65536} + 1$	528198	L4591	21	Generalized Fermat
3126	$114698234^{65536} + 1$	528192	L5057	21	Generalized Fermat
3127	$114681358^{65536} + 1$	528187	L5234	21	Generalized Fermat
3128	$114630516^{65536} + 1$	528175	L5033	21	Generalized Fermat
3129	$4111 \cdot 2^{1754463} - 1$	528150	L1959	16	
3130	$114387906^{65536} + 1$	528114	L4742	21	Generalized Fermat
3131	$114302338^{65536} + 1$	528093	L5271	21	Generalized Fermat
3132	$114277670^{65536} + 1$	528087	L5016	21	Generalized Fermat
3133	$114250806^{65536} + 1$	528080	L4308	21	Generalized Fermat
3134	$161 \cdot 2^{1754223} + 1$	528076	L3014	13	
3135	$114119336^{65536} + 1$	528048	L4245	21	Generalized Fermat
3136	$114065784^{65536} + 1$	528034	L4530	21	Generalized Fermat
3137	$4171 \cdot 2^{1754017} - 1$	528016	L1959	16	
3138	$113950766^{65536} + 1$	528006	L5057	21	Generalized Fermat
3139	$113930586^{65536} + 1$	528000	L4550	21	Generalized Fermat
3140	$113912436^{65536} + 1$	527996	L5281	21	Generalized Fermat
3141	$113899746^{65536} + 1$	527993	L4387	21	Generalized Fermat
3142	$113856050^{65536} + 1$	527982	L5280	21	Generalized Fermat
3143	$113821900^{65536} + 1$	527973	L4977	21	Generalized Fermat
3144	$113766500^{65536} + 1$	527959	L5040	21	Generalized Fermat
3145	$113743984^{65536} + 1$	527954	L4308	21	Generalized Fermat
3146	$113743008^{65536} + 1$	527954	L5056	21	Generalized Fermat
3147	$113630364^{65536} + 1$	527925	L4726	21	Generalized Fermat
3148	$113583948^{65536} + 1$	527914	L4963	21	Generalized Fermat
3149	$113547832^{65536} + 1$	527905	L5023	21	Generalized Fermat
3150	$113499172^{65536} + 1$	527893	L5057	21	Generalized Fermat
3151	$113441586^{65536} + 1$	527878	L4755	21	Generalized Fermat
3152	$113430012^{65536} + 1$	527875	L5234	21	Generalized Fermat
3153	$113399408^{65536} + 1$	527867	L4755	21	Generalized Fermat
3154	$113385930^{65536} + 1$	527864	L5234	21	Generalized Fermat
3155	$113296320^{65536} + 1$	527842	L5277	21	Generalized Fermat
3156	$113290542^{65536} + 1$	527840	L4308	21	Generalized Fermat
3157	$113219876^{65536} + 1$	527822	L5275	21	Generalized Fermat
3158	$5077 \cdot 2^{1753317} - 1$	527805	L251	08	
3159	$113148382^{65536} + 1$	527804	L4308	21	Generalized Fermat

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3160	$113106664^{65536} + 1$	527794	L4308	21	Generalized Fermat
3161	$113006358^{65536} + 1$	527769	L4308	21	Generalized Fermat
3162	$112904842^{65536} + 1$	527743	L4905	21	Generalized Fermat
3163	$112897156^{65536} + 1$	527741	L4308	21	Generalized Fermat
3164	$112832188^{65536} + 1$	527725	L4726	21	Generalized Fermat
3165	$112822300^{65536} + 1$	527722	L4308	21	Generalized Fermat
3166	$1261 \cdot 2^{1753021} - 1$	527716	L1828	14	
3167	$112707138^{65536} + 1$	527693	L5275	21	Generalized Fermat
3168	$387 \cdot 2^{1752919} + 1$	527684	L2636	13	
3169	$65 \cdot 2^{1752885} + 1$	527673	L1204	11	
3170	$355 \cdot 2^{1752713} - 1$	527622	L2519	14	
3171	$112155968^{65536} + 1$	527554	L5274	21	Generalized Fermat
3172	$112138030^{65536} + 1$	527549	L4977	21	Generalized Fermat
3173	$111979738^{65536} + 1$	527509	L4977	21	Generalized Fermat
3174	$111841318^{65536} + 1$	527474	L5054	21	Generalized Fermat
3175	$4 \cdot 5^{754611} - 1$	527452	L4881	19	
3176	$111749388^{65536} + 1$	527450	L4963	21	Generalized Fermat
3177	$363 \cdot 2^{1752116} + 1$	527443	L2085	13	
3178	$111402066^{65536} + 1$	527362	L4326	21	Generalized Fermat
3179	$111391036^{65536} + 1$	527359	L4410	21	Generalized Fermat
3180	$641 \cdot 2^{1751823} + 1$	527355	L3459	13	
3181	$Phi(3, -231255^{49152})$	527312	L4142	16	Generalized unique
3182	$111149164^{65536} + 1$	527297	L4963	21	Generalized Fermat
3183	$111075226^{65536} + 1$	527278	L5271	21	Generalized Fermat
3184	$111001326^{65536} + 1$	527259	L5011	21	Generalized Fermat
3185	$110980170^{65536} + 1$	527254	L4772	21	Generalized Fermat
3186	$110835044^{65536} + 1$	527216	L4737	21	Generalized Fermat
3187	$261 \cdot 2^{1751160} + 1$	527155	L3192	13	
3188	$32 \cdot 905^{178286} - 1$	527131	L541	17	
3189	$110431446^{65536} + 1$	527113	L4659	21	Generalized Fermat
3190	$110395028^{65536} + 1$	527103	L5270	21	Generalized Fermat
3191	$110280272^{65536} + 1$	527074	L5234	21	Generalized Fermat
3192	$1179 \cdot 2^{1750847} + 1$	527061	g387	09	
3193	$110139930^{65536} + 1$	527037	L5265	21	Generalized Fermat
3194	$110077040^{65536} + 1$	527021	L4738	21	Generalized Fermat
3195	$109986750^{65536} + 1$	526998	L5025	21	Generalized Fermat
3196	$1293 \cdot 2^{1750532} - 1$	526966	L1828	14	
3197	$109655942^{65536} + 1$	526912	L5268	21	Generalized Fermat
3198	$109649344^{65536} + 1$	526910	L5206	21	Generalized Fermat
3199	$109564026^{65536} + 1$	526888	L5255	21	Generalized Fermat
3200	$340168 \cdot 5^{753789} - 1$	526882	p323	12	
3201	$109464346^{65536} + 1$	526862	L4672	21	Generalized Fermat
3202	$109323574^{65536} + 1$	526826	L5025	21	Generalized Fermat
3203	$109287254^{65536} + 1$	526816	L4905	21	Generalized Fermat
3204	$109144682^{65536} + 1$	526779	L5057	21	Generalized Fermat
3205	$109034994^{65536} + 1$	526750	L4898	21	Generalized Fermat
3206	$109031182^{65536} + 1$	526749	L5255	21	Generalized Fermat
3207	$109000284^{65536} + 1$	526741	L4892	21	Generalized Fermat

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3208	108618244 ⁶⁵⁵³⁶ + 1	526641	L4308	21	Generalized Fermat
3209	108551550 ⁶⁵⁵³⁶ + 1	526624	L4308	21	Generalized Fermat
3210	108306062 ⁶⁵⁵³⁶ + 1	526560	L5068	21	Generalized Fermat
3211	108244272 ⁶⁵⁵³⁶ + 1	526543	L4861	21	Generalized Fermat
3212	108153408 ⁶⁵⁵³⁶ + 1	526519	L4880	21	Generalized Fermat
3213	2955 · 2 ¹⁷⁴⁸⁹⁵⁷ - 1	526492	L2484	18	
3214	107970076 ⁶⁵⁵³⁶ + 1	526471	L4956	21	Generalized Fermat
3215	107894268 ⁶⁵⁵³⁶ + 1	526451	L5011	21	Generalized Fermat
3216	107747194 ⁶⁵⁵³⁶ + 1	526412	L4308	21	Generalized Fermat
3217	107658460 ⁶⁵⁵³⁶ + 1	526389	L4308	21	Generalized Fermat
3218	4147 · 2 ¹⁷⁴⁸²⁰¹ - 1	526265	L1959	16	
3219	107167054 ⁶⁵⁵³⁶ + 1	526259	L4672	21	Generalized Fermat
3220	107137714 ⁶⁵⁵³⁶ + 1	526251	L5143	21	Generalized Fermat
3221	107058940 ⁶⁵⁵³⁶ + 1	526230	L5057	21	Generalized Fermat
3222	106997372 ⁶⁵⁵³⁶ + 1	526213	L5025	21	Generalized Fermat
3223	106967132 ⁶⁵⁵³⁶ + 1	526205	L4963	21	Generalized Fermat
3224	106913102 ⁶⁵⁵³⁶ + 1	526191	L5025	21	Generalized Fermat
3225	106830890 ⁶⁵⁵³⁶ + 1	526169	L4726	21	Generalized Fermat
3226	106795692 ⁶⁵⁵³⁶ + 1	526160	L4308	21	Generalized Fermat
3227	106679112 ⁶⁵⁵³⁶ + 1	526129	L4550	21	Generalized Fermat
3228	106665218 ⁶⁵⁵³⁶ + 1	526125	L4210	21	Generalized Fermat
3229	106616682 ⁶⁵⁵³⁶ + 1	526112	L5126	21	Generalized Fermat
3230	106599192 ⁶⁵⁵³⁶ + 1	526107	L5234	21	Generalized Fermat
3231	106579844 ⁶⁵⁵³⁶ + 1	526102	L5259	21	Generalized Fermat
3232	183 · 2 ¹⁷⁴⁷⁶⁶⁰ + 1	526101	L2163	13	Divides Fermat $F(1747656)$
3233	106449610 ⁶⁵⁵³⁶ + 1	526067	L5025	21	Generalized Fermat
3234	106297214 ⁶⁵⁵³⁶ + 1	526027	L5070	21	Generalized Fermat
3235	106206510 ⁶⁵⁵³⁶ + 1	526002	L4308	21	Generalized Fermat
3236	106125374 ⁶⁵⁵³⁶ + 1	525981	L5252	21	Generalized Fermat
3237	105956334 ⁶⁵⁵³⁶ + 1	525935	L5251	21	Generalized Fermat
3238	105831918 ⁶⁵⁵³⁶ + 1	525902	L4905	21	Generalized Fermat
3239	105830180 ⁶⁵⁵³⁶ + 1	525901	L4526	21	Generalized Fermat
3240	105825012 ⁶⁵⁵³⁶ + 1	525900	L4526	21	Generalized Fermat
3241	105814272 ⁶⁵⁵³⁶ + 1	525897	L5255	21	Generalized Fermat
3242	105629226 ⁶⁵⁵³⁶ + 1	525847	L4308	21	Generalized Fermat
3243	105579852 ⁶⁵⁵³⁶ + 1	525834	L4760	21	Generalized Fermat
3244	105542202 ⁶⁵⁵³⁶ + 1	525824	L4904	21	Generalized Fermat
3245	105352114 ⁶⁵⁵³⁶ + 1	525772	L4308	21	Generalized Fermat
3246	105317236 ⁶⁵⁵³⁶ + 1	525763	L4308	21	Generalized Fermat
3247	105253618 ⁶⁵⁵³⁶ + 1	525746	L4905	21	Generalized Fermat
3248	105201924 ⁶⁵⁵³⁶ + 1	525732	L4905	21	Generalized Fermat
3249	105121886 ⁶⁵⁵³⁶ + 1	525710	L5025	21	Generalized Fermat
3250	105109090 ⁶⁵⁵³⁶ + 1	525707	L5011	21	Generalized Fermat
3251	104985656 ⁶⁵⁵³⁶ + 1	525673	L5033	21	Generalized Fermat
3252	104719178 ⁶⁵⁵³⁶ + 1	525601	L4308	21	Generalized Fermat
3253	1485 · 2 ¹⁷⁴⁵⁷⁷² + 1	525533	L1134	14	
3254	104397268 ⁶⁵⁵³⁶ + 1	525513	L5047	21	Generalized Fermat
3255	104153644 ⁶⁵⁵³⁶ + 1	525447	L4326	21	Generalized Fermat

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3256	$265 \cdot 2^{1745450} + 1$	525436	L3423	13	
3257	$297 \cdot 2^{1745377} - 1$	525414	L2074	14	
3258	$103980898^{65536} + 1$	525400	L5070	21	Generalized Fermat
3259	$103965794^{65536} + 1$	525395	L4956	21	Generalized Fermat
3260	$103917532^{65536} + 1$	525382	L5206	21	Generalized Fermat
3261	$103917130^{65536} + 1$	525382	L4726	21	Generalized Fermat
3262	$103793686^{65536} + 1$	525348	L5070	21	Generalized Fermat
3263	$103607034^{65536} + 1$	525297	L5051	21	Generalized Fermat
3264	$1293 \cdot 2^{1744930} - 1$	525280	L1828	14	
3265	$103410380^{65536} + 1$	525243	L5057	21	Generalized Fermat
3266	$158670 \cdot 151^{241039} - 1$	525224	L4001	18	
3267	$103244358^{65536} + 1$	525197	L5057	21	Generalized Fermat
3268	$103232286^{65536} + 1$	525194	L4963	21	Generalized Fermat
3269	$103014016^{65536} + 1$	525134	L5234	21	Generalized Fermat
3270	$1485 \cdot 2^{1744384} + 1$	525116	L1134	14	
3271	$102936406^{65536} + 1$	525112	L4249	21	Generalized Fermat
3272	$102927846^{65536} + 1$	525110	L4249	21	Generalized Fermat
3273	$102905922^{65536} + 1$	525104	L4853	21	Generalized Fermat
3274	$102871184^{65536} + 1$	525094	L4424	21	Generalized Fermat
3275	$102820362^{65536} + 1$	525080	L4308	21	Generalized Fermat
3276	$102815216^{65536} + 1$	525079	L4308	21	Generalized Fermat
3277	$325034 \cdot 151^{240969} - 1$	525072	L4001	18	
3278	$102770410^{65536} + 1$	525066	L4599	21	Generalized Fermat
3279	$495 \cdot 2^{1744183} + 1$	525055	L1933	13	
3280	$102413650^{65536} + 1$	524967	L5225	21	Generalized Fermat
3281	$102290630^{65536} + 1$	524933	L5202	21	Generalized Fermat
3282	$327 \cdot 2^{1743751} + 1$	524924	L1130	13	
3283	$102240736^{65536} + 1$	524919	L5222	21	Generalized Fermat
3284	$102179404^{65536} + 1$	524902	L4456	21	Generalized Fermat
3285	$102152180^{65536} + 1$	524895	L5202	21	Generalized Fermat
3286	$102077788^{65536} + 1$	524874	L5202	21	Generalized Fermat
3287	$102001552^{65536} + 1$	524853	L5221	21	Generalized Fermat
3288	$101940908^{65536} + 1$	524836	L5202	21	Generalized Fermat
3289	$28198 \cdot 52^{305828} + 1$	524807	L4944	19	
3290	$101833680^{65536} + 1$	524806	L5202	21	Generalized Fermat
3291	$415 \cdot 2^{1743176} + 1$	524751	L3428	13	
3292	$101588976^{65536} + 1$	524737	L5202	21	Generalized Fermat
3293	$101542004^{65536} + 1$	524724	L5202	21	Generalized Fermat
3294	$101373072^{65536} + 1$	524677	L4853	20	Generalized Fermat
3295	$101330432^{65536} + 1$	524665	L4747	20	Generalized Fermat
3296	$101328148^{65536} + 1$	524664	L4747	20	Generalized Fermat
3297	$695 \cdot 2^{1742755} + 1$	524625	L1741	13	
3298	$1285 \cdot 2^{1742735} - 1$	524619	L1828	14	
3299	$243 \cdot 2^{1742689} + 1$	524605	L1204	13	
3300	$345 \cdot 2^{1742652} - 1$	524594	L1830	12	
3301	$101053038^{65536} + 1$	524587	L4747	20	Generalized Fermat
3302	$867 \cdot 2^{1742474} + 1$	524540	L3188	13	
3303	$100809238^{65536} + 1$	524518	L5206	20	Generalized Fermat

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3304	$100635028^{65536} + 1$	524469	L5202	20	Generalized Fermat
3305	$100547206^{65536} + 1$	524444	L4387	20	Generalized Fermat
3306	$100541736^{65536} + 1$	524442	L5205	20	Generalized Fermat
3307	$100492452^{65536} + 1$	524428	L5204	20	Generalized Fermat
3308	$100480774^{65536} + 1$	524425	L4387	20	Generalized Fermat
3309	$91 \cdot 2^{1742093} - 1$	524425	L2338	12	
3310	$100445354^{65536} + 1$	524415	L4853	20	Generalized Fermat
3311	$905 \cdot 2^{1742026} - 1$	524406	L2012	14	
3312	$100394394^{65536} + 1$	524401	L4387	20	Generalized Fermat
3313	$100366730^{65536} + 1$	524393	L4245	20	Generalized Fermat
3314	$100292652^{65536} + 1$	524372	L5202	20	Generalized Fermat
3315	$100278340^{65536} + 1$	524368	L5157	20	Generalized Fermat
3316	$1295 \cdot 2^{1741794} - 1$	524336	L1828	14	
3317	$100061390^{65536} + 1$	524306	L4530	20	Generalized Fermat
3318	$100033834^{65536} + 1$	524298	L4249	20	Generalized Fermat
3319	$99985498^{65536} + 1$	524284	L5198	20	Generalized Fermat
3320	$99949404^{65536} + 1$	524274	L4245	20	Generalized Fermat
3321	$99938996^{65536} + 1$	524271	L4252	20	Generalized Fermat
3322	$99873084^{65536} + 1$	524252	L4963	20	Generalized Fermat
3323	$99812398^{65536} + 1$	524235	L4963	20	Generalized Fermat
3324	$99811816^{65536} + 1$	524235	L4963	20	Generalized Fermat
3325	$99717520^{65536} + 1$	524208	L4963	20	Generalized Fermat
3326	$315 \cdot 2^{1741334} - 1$	524197	L1830	12	
3327	$99605982^{65536} + 1$	524176	L4747	20	Generalized Fermat
3328	$99605678^{65536} + 1$	524176	L4963	20	Generalized Fermat
3329	$99543174^{65536} + 1$	524158	L4963	20	Generalized Fermat
3330	$99458608^{65536} + 1$	524134	L5193	20	Generalized Fermat
3331	$99443134^{65536} + 1$	524130	L4747	20	Generalized Fermat
3332	$99416780^{65536} + 1$	524122	L4747	20	Generalized Fermat
3333	$99316110^{65536} + 1$	524093	L5156	20	Generalized Fermat
3334	$99184362^{65536} + 1$	524055	L4747	20	Generalized Fermat
3335	$99086572^{65536} + 1$	524027	L4245	20	Generalized Fermat
3336	$98752904^{65536} + 1$	523931	L4787	20	Generalized Fermat
3337	$98679336^{65536} + 1$	523910	L4747	20	Generalized Fermat
3338	$98638136^{65536} + 1$	523898	L5127	20	Generalized Fermat
3339	$525 \cdot 2^{1740056} + 1$	523812	L1204	13	
3340	$319 \cdot 2^{1740047} - 1$	523809	L1819	13	
3341	$1157 \cdot 2^{1739902} - 1$	523766	L1828	14	
3342	$98174624^{65536} + 1$	523764	L5157	20	Generalized Fermat
3343	$98165150^{65536} + 1$	523761	L5163	20	Generalized Fermat
3344	$98160134^{65536} + 1$	523760	L5165	20	Generalized Fermat
3345	$98087154^{65536} + 1$	523739	L4747	20	Generalized Fermat
3346	$98046450^{65536} + 1$	523727	L5157	20	Generalized Fermat
3347	$98014656^{65536} + 1$	523718	L4245	20	Generalized Fermat
3348	$357 \cdot 2^{1739732} + 1$	523715	L3427	13	
3349	$97876302^{65536} + 1$	523678	L4245	20	Generalized Fermat
3350	$97796840^{65536} + 1$	523654	L4456	20	Generalized Fermat
3351	$97789752^{65536} + 1$	523652	L4245	20	Generalized Fermat

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3352	$97784106^{65536} + 1$	523651	L5157	20	Generalized Fermat
3353	$97689780^{65536} + 1$	523623	L5152	20	Generalized Fermat
3354	$97647644^{65536} + 1$	523611	L5156	20	Generalized Fermat
3355	$97646596^{65536} + 1$	523611	L5155	20	Generalized Fermat
3356	$97610728^{65536} + 1$	523600	L4495	20	Generalized Fermat
3357	$687 \cdot 2^{1739343} + 1$	523598	L2117	13	
3358	$97496720^{65536} + 1$	523567	L4267	20	Generalized Fermat
3359	$1041 \cdot 2^{1739189} - 1$	523552	L1828	14	
3360	$627 \cdot 2^{1738864} + 1$	523454	L2117	13	
3361	$97104830^{65536} + 1$	523452	L5152	20	Generalized Fermat
3362	$141 \cdot 138^{244616} + 1$	523451	L4444	20	
3363	$96763400^{65536} + 1$	523352	L5121	20	Generalized Fermat
3364	$96670202^{65536} + 1$	523325	L4672	20	Generalized Fermat
3365	$95 \cdot 2^{1738427} + 1$	523321	L2085	11	
3366	$793 \cdot 2^{1738400} + 1$	523314	L3035	13	
3367	$96534690^{65536} + 1$	523285	L5143	20	Generalized Fermat
3368	$144 \cdot 648^{186106} + 1$	523254	L3886	15	Generalized Fermat
3369	$96338398^{65536} + 1$	523227	L5124	20	Generalized Fermat
3370	$96255150^{65536} + 1$	523202	L5127	20	Generalized Fermat
3371	$96228408^{65536} + 1$	523194	L4205	20	Generalized Fermat
3372	$729 \cdot 2^{1737901} + 1$	523164	L2603	13	
3373	$96048808^{65536} + 1$	523141	L4387	20	Generalized Fermat
3374	$95740866^{65536} + 1$	523050	L5132	20	Generalized Fermat
3375	$95668512^{65536} + 1$	523028	L5130	20	Generalized Fermat
3376	$95658826^{65536} + 1$	523025	L4245	20	Generalized Fermat
3377	$95485038^{65536} + 1$	522974	L5128	20	Generalized Fermat
3378	$95476682^{65536} + 1$	522971	L5127	20	Generalized Fermat
3379	$95330936^{65536} + 1$	522928	L5126	20	Generalized Fermat
3380	$95306976^{65536} + 1$	522920	L4729	20	Generalized Fermat
3381	$95060694^{65536} + 1$	522847	L5124	20	Generalized Fermat
3382	$95031090^{65536} + 1$	522838	L4245	20	Generalized Fermat
3383	$95020906^{65536} + 1$	522835	L4245	20	Generalized Fermat
3384	$94683814^{65536} + 1$	522734	L4861	20	Generalized Fermat
3385	$94560386^{65536} + 1$	522697	L5121	20	Generalized Fermat
3386	$1065 \cdot 2^{1736222} + 1$	522658	L1204	13	
3387	$94395438^{65536} + 1$	522647	L4853	20	Generalized Fermat
3388	$94371750^{65536} + 1$	522640	L5117	20	Generalized Fermat
3389	$94238958^{65536} + 1$	522600	L4267	20	Generalized Fermat
3390	$111 \cdot 618^{187244} + 1$	522598	L4444	18	
3391	$94148218^{65536} + 1$	522572	L5088	20	Generalized Fermat
3392	$94134450^{65536} + 1$	522568	L4659	20	Generalized Fermat
3393	$94127096^{65536} + 1$	522566	L4986	20	Generalized Fermat
3394	$93899840^{65536} + 1$	522497	L5005	20	Generalized Fermat
3395	$93838842^{65536} + 1$	522479	L4764	20	Generalized Fermat
3396	$93815892^{65536} + 1$	522472	L4245	20	Generalized Fermat
3397	$93786286^{65536} + 1$	522463	L4267	20	Generalized Fermat
3398	$93780678^{65536} + 1$	522461	L4928	20	Generalized Fermat
3399	$93680368^{65536} + 1$	522430	L4677	20	Generalized Fermat

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3400	$573 \cdot 2^{1735454} + 1$	522427	L2675	13	
3401	$93294956^{65536} + 1$	522313	L4308	20	Generalized Fermat
3402	$545 \cdot 2^{1735043} + 1$	522303	L2131	13	
3403	$93229866^{65536} + 1$	522293	L5023	20	Generalized Fermat
3404	$93218152^{65536} + 1$	522290	L5103	20	Generalized Fermat
3405	$61 \cdot 2^{1734983} - 1$	522284	L2055	11	
3406	$93125776^{65536} + 1$	522261	L5101	20	Generalized Fermat
3407	$93098062^{65536} + 1$	522253	L5098	20	Generalized Fermat
3408	$93063952^{65536} + 1$	522243	L5098	20	Generalized Fermat
3409	$1125 \cdot 2^{1734821} - 1$	522237	L1828	14	
3410	$93043462^{65536} + 1$	522236	L5099	20	Generalized Fermat
3411	$92966428^{65536} + 1$	522213	L5096	20	Generalized Fermat
3412	$92914244^{65536} + 1$	522197	L4308	20	Generalized Fermat
3413	$92914140^{65536} + 1$	522197	L4753	20	Generalized Fermat
3414	$92766842^{65536} + 1$	522152	L4920	20	Generalized Fermat
3415	$6 \cdot 10^{522127} + 1$	522128	p342	12	
3416	$92690940^{65536} + 1$	522128	L4747	20	Generalized Fermat
3417	$92674306^{65536} + 1$	522123	L4308	20	Generalized Fermat
3418	$92548750^{65536} + 1$	522085	L5094	20	Generalized Fermat
3419	$92102646^{65536} + 1$	521947	L4205	20	Generalized Fermat
3420	$92081038^{65536} + 1$	521940	L4920	20	Generalized Fermat
3421	$92048794^{65536} + 1$	521930	L4747	20	Generalized Fermat
3422	$91987174^{65536} + 1$	521911	L4620	20	Generalized Fermat
3423	$91903298^{65536} + 1$	521885	L5088	20	Generalized Fermat
3424	$1113 \cdot 2^{1733627} - 1$	521877	L1828	14	
3425	$91842670^{65536} + 1$	521867	L4747	20	Generalized Fermat
3426	$91771676^{65536} + 1$	521845	L5093	20	Generalized Fermat
3427	$741 \cdot 2^{1733507} + 1$	521841	L2549	13	
3428	$91744150^{65536} + 1$	521836	L4623	20	Generalized Fermat
3429	$999 \cdot 2^{1733065} - 1$	521708	L4518	20	
3430	$53184 \cdot 1027^{173223} + 1$	521678	L4001	18	
3431	$91217580^{65536} + 1$	521672	L4871	20	Generalized Fermat
3432	$91087586^{65536} + 1$	521632	L4591	20	Generalized Fermat
3433	$91048790^{65536} + 1$	521619	L4387	20	Generalized Fermat
3434	$90961322^{65536} + 1$	521592	L4387	20	Generalized Fermat
3435	$90888234^{65536} + 1$	521569	L4747	20	Generalized Fermat
3436	$471 \cdot 2^{1732587} + 1$	521564	L2085	13	
3437	$90825332^{65536} + 1$	521550	L4387	20	Generalized Fermat
3438	$90825194^{65536} + 1$	521550	L5078	20	Generalized Fermat
3439	$6102 \cdot 162^{236042} + 1$	521543	L4944	19	
3440	$90705094^{65536} + 1$	521512	L4747	20	Generalized Fermat
3441	$90692090^{65536} + 1$	521508	L4747	20	Generalized Fermat
3442	$90486274^{65536} + 1$	521443	L5078	20	Generalized Fermat
3443	$387 \cdot 2^{1732185} - 1$	521443	L1809	14	
3444	$90330702^{65536} + 1$	521394	L5078	20	Generalized Fermat
3445	$90277882^{65536} + 1$	521377	L4387	20	Generalized Fermat
3446	$90240344^{65536} + 1$	521366	L4747	20	Generalized Fermat
3447	$90033898^{65536} + 1$	521300	L4928	20	Generalized Fermat

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3448	$90014942^{65536} + 1$	521294	L4387	20	Generalized Fermat
3449	$90013258^{65536} + 1$	521294	L5078	20	Generalized Fermat
3450	$89973416^{65536} + 1$	521281	L5077	20	Generalized Fermat
3451	$89929872^{65536} + 1$	521268	L4747	20	Generalized Fermat
3452	$89923590^{65536} + 1$	521266	L4914	20	Generalized Fermat
3453	$89783122^{65536} + 1$	521221	L4747	20	Generalized Fermat
3454	$89657350^{65536} + 1$	521181	L4591	20	Generalized Fermat
3455	$547 \cdot 2^{1731248} + 1$	521161	L2873	13	
3456	$89571726^{65536} + 1$	521154	L4920	20	Generalized Fermat
3457	$89539970^{65536} + 1$	521144	L4774	20	Generalized Fermat
3458	$89510134^{65536} + 1$	521134	L4773	20	Generalized Fermat
3459	$89443326^{65536} + 1$	521113	L4861	20	Generalized Fermat
3460	$89420980^{65536} + 1$	521106	L5067	20	Generalized Fermat
3461	$89136336^{65536} + 1$	521015	L4898	20	Generalized Fermat
3462	$89024442^{65536} + 1$	520980	L5057	20	Generalized Fermat
3463	$4059 \cdot 2^{1730611} - 1$	520970	L1959	14	
3464	$88875524^{65536} + 1$	520932	L4622	20	Generalized Fermat
3465	$88837150^{65536} + 1$	520920	L4526	20	Generalized Fermat
3466	$88753612^{65536} + 1$	520893	L5044	20	Generalized Fermat
3467	$88732114^{65536} + 1$	520886	L4892	20	Generalized Fermat
3468	$88596754^{65536} + 1$	520842	L4870	20	Generalized Fermat
3469	$245 \cdot 2^{1730188} - 1$	520841	L1862	14	
3470	$88583112^{65536} + 1$	520838	L5047	20	Generalized Fermat
3471	$88320078^{65536} + 1$	520753	L5007	20	Generalized Fermat
3472	$88271606^{65536} + 1$	520738	L4909	20	Generalized Fermat
3473	$937 \cdot 48^{309725} + 1$	520726	L4944	19	
3474	$55 \cdot 2^{1729777} - 1$	520717	L2074	13	
3475	$88167594^{65536} + 1$	520704	L4905	20	Generalized Fermat
3476	$88121890^{65536} + 1$	520690	L4772	20	Generalized Fermat
3477	$Phi(3, -197845^{49152})$	520650	L4506	16	Generalized unique
3478	$87955518^{65536} + 1$	520636	L4765	20	Generalized Fermat
3479	$87758254^{65536} + 1$	520572	L5005	20	Generalized Fermat
3480	$421 \cdot 2^{1729092} + 1$	520512	L3234	13	
3481	$87557214^{65536} + 1$	520507	L4745	20	Generalized Fermat
3482	$87514470^{65536} + 1$	520493	L4956	20	Generalized Fermat
3483	$87419762^{65536} + 1$	520462	L4530	20	Generalized Fermat
3484	$87409818^{65536} + 1$	520459	L4745	20	Generalized Fermat
3485	$193 \cdot 2^{1728894} + 1$	520452	L2559	13	
3486	$213 \cdot 2^{1728847} - 1$	520438	L1863	14	
3487	$87216048^{65536} + 1$	520395	L5070	20	Generalized Fermat
3488	$341 \cdot 2^{1728697} + 1$	520393	L2981	13	
3489	$87131084^{65536} + 1$	520368	L4914	20	Generalized Fermat
3490	$213 \cdot 2^{1728569} + 1$	520354	L2520	13	
3491	$87036596^{65536} + 1$	520337	L5069	20	Generalized Fermat
3492	$87033652^{65536} + 1$	520336	L4544	20	Generalized Fermat
3493	$86998958^{65536} + 1$	520324	L4387	20	Generalized Fermat
3494	$86990562^{65536} + 1$	520322	L5069	20	Generalized Fermat
3495	$86909560^{65536} + 1$	520295	L4871	20	Generalized Fermat

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3496	$86892902^{65536} + 1$	520290	L4550	20	Generalized Fermat
3497	$24573 \cdot 2^{1728296} + 1$	520274	p168	18	
3498	$277 \cdot 2^{1728302} + 1$	520274	L1130	13	
3499	$86814912^{65536} + 1$	520264	L4909	20	Generalized Fermat
3500	$86796322^{65536} + 1$	520258	L5068	20	Generalized Fermat
3501	$86779344^{65536} + 1$	520253	L4201	20	Generalized Fermat
3502	$86736718^{65536} + 1$	520239	L4905	20	Generalized Fermat
3503	$997 \cdot 2^{1728146} + 1$	520227	L1595	13	
3504	$929 \cdot 2^{1728099} + 1$	520213	L1745	13	
3505	$86553044^{65536} + 1$	520178	L4909	20	Generalized Fermat
3506	$86470130^{65536} + 1$	520151	L4909	20	Generalized Fermat
3507	$4065 \cdot 2^{1727864} - 1$	520143	L1959	15	
3508	$86431122^{65536} + 1$	520138	L5005	20	Generalized Fermat
3509	$86254706^{65536} + 1$	520080	L4909	20	Generalized Fermat
3510	$879 \cdot 2^{1727602} + 1$	520063	L1935	13	
3511	$86160832^{65536} + 1$	520049	L4753	20	Generalized Fermat
3512	$338948 \cdot 5^{743996} - 1$	520037	p352	12	
3513	$86037836^{65536} + 1$	520008	L4530	20	Generalized Fermat
3514	$85908438^{65536} + 1$	519965	L4942	20	Generalized Fermat
3515	$600921 \cdot 2^{1727190} - 1$	519942	g337	13	
3516	$85770052^{65536} + 1$	519920	L4530	20	Generalized Fermat
3517	$4129 \cdot 2^{1727119} - 1$	519919	L1959	15	
3518	$85636536^{65536} + 1$	519875	L5061	20	Generalized Fermat
3519	$85598554^{65536} + 1$	519863	L4745	20	Generalized Fermat
3520	$85516188^{65536} + 1$	519835	L4620	20	Generalized Fermat
3521	$85316028^{65536} + 1$	519769	L5025	20	Generalized Fermat
3522	$85209154^{65536} + 1$	519733	L4909	20	Generalized Fermat
3523	$85143326^{65536} + 1$	519711	L5024	20	Generalized Fermat
3524	$85003716^{65536} + 1$	519664	L4909	20	Generalized Fermat
3525	$597 \cdot 2^{1726268} + 1$	519662	L2520	13	
3526	$84930776^{65536} + 1$	519640	L5029	20	Generalized Fermat
3527	$1151 \cdot 2^{1726187} + 1$	519638	L3262	13	
3528	$84881776^{65536} + 1$	519623	L4950	20	Generalized Fermat
3529	$84876466^{65536} + 1$	519622	L4550	20	Generalized Fermat
3530	$84860922^{65536} + 1$	519616	L5059	20	Generalized Fermat
3531	$84720600^{65536} + 1$	519569	L4530	20	Generalized Fermat
3532	$813 \cdot 2^{1725925} + 1$	519559	L3171	13	
3533	$84580630^{65536} + 1$	519522	L5025	20	Generalized Fermat
3534	$84490864^{65536} + 1$	519492	L5005	20	Generalized Fermat
3535	$4179 \cdot 2^{1725552} - 1$	519447	L1959	15	
3536	$84332576^{65536} + 1$	519439	L4745	20	Generalized Fermat
3537	$84221130^{65536} + 1$	519401	L4400	20	Generalized Fermat
3538	$84216216^{65536} + 1$	519399	L4914	20	Generalized Fermat
3539	$84182766^{65536} + 1$	519388	L4909	20	Generalized Fermat
3540	$84178554^{65536} + 1$	519387	L5056	20	Generalized Fermat
3541	$27 \cdot 634^{185354} + 1$	519380	L4001	18	
3542	$84088876^{65536} + 1$	519356	L4887	20	Generalized Fermat
3543	$84063046^{65536} + 1$	519347	L4550	20	Generalized Fermat

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3544	$84020394^{65536} + 1$	519333	L4909	20	Generalized Fermat
3545	$83816404^{65536} + 1$	519264	L4756	20	Generalized Fermat
3546	$83811756^{65536} + 1$	519262	L4530	20	Generalized Fermat
3547	$83728230^{65536} + 1$	519234	L4387	20	Generalized Fermat
3548	$84114 \cdot 151^{238241} - 1$	519127	L4001	18	
3549	$729 \cdot 2^{1724434} + 1$	519110	L1484	13	Generalized Fermat
3550	$615 \cdot 2^{1724209} + 1$	519042	L2967	13	
3551	$4157 \cdot 2^{1724202} - 1$	519041	L1959	15	
3552	$4177 \cdot 2^{1724161} - 1$	519028	L1959	14	
3553	$83007704^{65536} + 1$	518988	L4745	20	Generalized Fermat
3554	$82883694^{65536} + 1$	518945	L4905	20	Generalized Fermat
3555	$82853956^{65536} + 1$	518935	L5057	20	Generalized Fermat
3556	$82727298^{65536} + 1$	518892	L5027	20	Generalized Fermat
3557	$82664200^{65536} + 1$	518870	L4905	20	Generalized Fermat
3558	$82615290^{65536} + 1$	518853	L4899	20	Generalized Fermat
3559	$82608282^{65536} + 1$	518851	L4741	20	Generalized Fermat
3560	$82585780^{65536} + 1$	518843	L5029	20	Generalized Fermat
3561	$82516824^{65536} + 1$	518819	L4530	20	Generalized Fermat
3562	$82481836^{65536} + 1$	518807	L4942	20	Generalized Fermat
3563	$82476416^{65536} + 1$	518805	L4201	20	Generalized Fermat
3564	$82409922^{65536} + 1$	518782	L4905	20	Generalized Fermat
3565	$82328650^{65536} + 1$	518754	L4909	20	Generalized Fermat
3566	$1089 \cdot 2^{1723121} - 1$	518715	L1828	14	
3567	$547 \cdot 2^{1723020} + 1$	518684	L1745	13	
3568	$82102578^{65536} + 1$	518676	L4400	20	Generalized Fermat
3569	$82055998^{65536} + 1$	518660	L4530	20	Generalized Fermat
3570	$81992548^{65536} + 1$	518638	L5027	20	Generalized Fermat
3571	$81976552^{65536} + 1$	518632	L5056	20	Generalized Fermat
3572	$81868890^{65536} + 1$	518595	L5054	20	Generalized Fermat
3573	$81791240^{65536} + 1$	518568	L5039	20	Generalized Fermat
3574	$253 \cdot 2^{1722623} - 1$	518564	L145	07	
3575	$81760016^{65536} + 1$	518557	L4909	20	Generalized Fermat
3576	$81712996^{65536} + 1$	518540	L4905	20	Generalized Fermat
3577	$81495116^{65536} + 1$	518464	L4898	20	Generalized Fermat
3578	$81379624^{65536} + 1$	518424	L4909	20	Generalized Fermat
3579	$81312044^{65536} + 1$	518400	L5052	20	Generalized Fermat
3580	$81301530^{65536} + 1$	518397	L5027	20	Generalized Fermat
3581	$81254306^{65536} + 1$	518380	L5051	20	Generalized Fermat
3582	$81126070^{65536} + 1$	518335	L5027	20	Generalized Fermat
3583	$81065064^{65536} + 1$	518314	L4733	20	Generalized Fermat
3584	[Long prime 3584]	518309	p384	15	
3585	$81033034^{65536} + 1$	518303	L5025	20	Generalized Fermat
3586	$80976720^{65536} + 1$	518283	L4745	20	Generalized Fermat
3587	$80961052^{65536} + 1$	518277	L4530	20	Generalized Fermat
3588	$80954588^{65536} + 1$	518275	L4747	20	Generalized Fermat
3589	$80795988^{65536} + 1$	518219	L5027	20	Generalized Fermat
3590	$2 \cdot 3^{1086112} + 1$	518208	p199	10	
3591	$113 \cdot 2^{1721438} - 1$	518207	L2484	11	

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3592	$1299 \cdot 2^{1721369} - 1$	518187	L1828	14	
3593	$4071 \cdot 2^{1721361} - 1$	518185	L1959	15	
3594	$80658514^{65536} + 1$	518171	L4904	20	Generalized Fermat
3595	$80573056^{65536} + 1$	518141	L4909	20	Generalized Fermat
3596	$80350524^{65536} + 1$	518062	L4758	20	Generalized Fermat
3597	$80317468^{65536} + 1$	518050	L5049	20	Generalized Fermat
3598	$80304896^{65536} + 1$	518046	L5027	20	Generalized Fermat
3599	$80243888^{65536} + 1$	518024	L4909	20	Generalized Fermat
3600	$80243510^{65536} + 1$	518024	L4549	20	Generalized Fermat
3601	$80008854^{65536} + 1$	517941	L4909	20	Generalized Fermat
3602	$79871216^{65536} + 1$	517892	L5027	20	Generalized Fermat
3603	$1195 \cdot 2^{1720342} + 1$	517878	L1935	13	
3604	$465 \cdot 2^{1720310} + 1$	517868	L2938	13	
3605	$79697298^{65536} + 1$	517830	L4904	20	Generalized Fermat
3606	$79633084^{65536} + 1$	517807	L4909	20	Generalized Fermat
3607	$79483110^{65536} + 1$	517753	L5025	20	Generalized Fermat
3608	$79461958^{65536} + 1$	517745	L4905	20	Generalized Fermat
3609	$1159 \cdot 2^{1719862} + 1$	517734	L3035	13	
3610	$79343116^{65536} + 1$	517703	L4899	20	Generalized Fermat
3611	$79321064^{65536} + 1$	517695	L4745	20	Generalized Fermat
3612	$79265412^{65536} + 1$	517675	L5027	20	Generalized Fermat
3613	$79225864^{65536} + 1$	517661	L5047	20	Generalized Fermat
3614	$79183586^{65536} + 1$	517645	L5027	20	Generalized Fermat
3615	$79172346^{65536} + 1$	517641	L4585	20	Generalized Fermat
3616	$545 \cdot 2^{1719517} + 1$	517629	L2583	13	
3617	$79056616^{65536} + 1$	517600	L5039	20	Generalized Fermat
3618	$78884478^{65536} + 1$	517538	L5027	20	Generalized Fermat
3619	$78794796^{65536} + 1$	517505	L5040	20	Generalized Fermat
3620	$57257 \cdot 2^{1719090} - 1$	517503	L4812	18	
3621	$78726134^{65536} + 1$	517481	L4909	20	Generalized Fermat
3622	$78635388^{65536} + 1$	517448	L4720	20	Generalized Fermat
3623	$78622096^{65536} + 1$	517443	L4909	20	Generalized Fermat
3624	$78567948^{65536} + 1$	517423	L4909	20	Generalized Fermat
3625	$78562090^{65536} + 1$	517421	L4904	20	Generalized Fermat
3626	$235 \cdot 2^{1718787} - 1$	517409	L2444	14	
3627	$78504140^{65536} + 1$	517400	L5027	20	Generalized Fermat
3628	$78450806^{65536} + 1$	517381	L4905	20	Generalized Fermat
3629	$78294900^{65536} + 1$	517324	L4410	20	Generalized Fermat
3630	$78034592^{65536} + 1$	517229	L5007	20	Generalized Fermat
3631	$77796830^{65536} + 1$	517143	L5025	20	Generalized Fermat
3632	$77781726^{65536} + 1$	517137	L4745	20	Generalized Fermat
3633	$77744918^{65536} + 1$	517124	L4905	20	Generalized Fermat
3634	$77704986^{65536} + 1$	517109	L5040	20	Generalized Fermat
3635	$77507298^{65536} + 1$	517036	L5041	20	Generalized Fermat
3636	$77372478^{65536} + 1$	516987	L4660	20	Generalized Fermat
3637	$77355598^{65536} + 1$	516981	L4387	20	Generalized Fermat
3638	$77306490^{65536} + 1$	516963	L4905	20	Generalized Fermat
3639	$77264234^{65536} + 1$	516947	L4341	20	Generalized Fermat

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3640	$371 \cdot 2^{1717250} - 1$	516947	L3844	14	
3641	$77177176^{65536} + 1$	516915	L5040	20	Generalized Fermat
3642	$77169226^{65536} + 1$	516912	L5041	20	Generalized Fermat
3643	$76937478^{65536} + 1$	516826	L4747	20	Generalized Fermat
3644	$897 \cdot 2^{1716807} + 1$	516814	L2322	13	
3645	$383 \cdot 2^{1716780} - 1$	516805	L2519	14	
3646	$76785568^{65536} + 1$	516770	L5007	20	Generalized Fermat
3647	$76780072^{65536} + 1$	516768	L4904	20	Generalized Fermat
3648	$76766300^{65536} + 1$	516763	L4387	20	Generalized Fermat
3649	$1307 \cdot 2^{1716556} - 1$	516738	L1828	14	
3650	$76596200^{65536} + 1$	516700	L4745	20	Generalized Fermat
3651	$76580342^{65536} + 1$	516694	L4904	20	Generalized Fermat
3652	$76467064^{65536} + 1$	516652	L4909	20	Generalized Fermat
3653	$76387412^{65536} + 1$	516622	L5039	20	Generalized Fermat
3654	$76382388^{65536} + 1$	516620	L4550	20	Generalized Fermat
3655	$4179 \cdot 2^{1716052} - 1$	516587	L1959	15	
3656	$76067780^{65536} + 1$	516503	L4210	20	Generalized Fermat
3657	$76057320^{65536} + 1$	516499	L5036	20	Generalized Fermat
3658	$75869946^{65536} + 1$	516429	L4861	20	Generalized Fermat
3659	$75802920^{65536} + 1$	516404	L4591	20	Generalized Fermat
3660	$75707404^{65536} + 1$	516368	L4530	20	Generalized Fermat
3661	$75605586^{65536} + 1$	516329	L5034	20	Generalized Fermat
3662	$1017 \cdot 2^{1715060} + 1$	516288	L1204	13	
3663	$75333588^{65536} + 1$	516227	L4738	20	Generalized Fermat
3664	$423 \cdot 2^{1714680} + 1$	516173	L1204	13	
3665	$75151890^{65536} + 1$	516158	L5033	20	Generalized Fermat
3666	$75029382^{65536} + 1$	516112	L4909	20	Generalized Fermat
3667	$74897306^{65536} + 1$	516062	L4956	20	Generalized Fermat
3668	$74851056^{65536} + 1$	516044	L5030	20	Generalized Fermat
3669	$70714 \cdot 1027^{171342} + 1$	516014	L4001	18	
3670	$975 \cdot 2^{1714004} + 1$	515970	L2117	12	
3671	$74581688^{65536} + 1$	515941	L4767	20	Generalized Fermat
3672	$74561982^{65536} + 1$	515934	L4734	20	Generalized Fermat
3673	$74316862^{65536} + 1$	515840	L4899	20	Generalized Fermat
3674	$74111056^{65536} + 1$	515761	L4550	20	Generalized Fermat
3675	$74036056^{65536} + 1$	515732	L4741	20	Generalized Fermat
3676	$74019600^{65536} + 1$	515726	L4909	20	Generalized Fermat
3677	$73948090^{65536} + 1$	515698	L4410	20	Generalized Fermat
3678	$73910008^{65536} + 1$	515684	L4909	20	Generalized Fermat
3679	$73861084^{65536} + 1$	515665	L4909	20	Generalized Fermat
3680	$1338 \cdot 177^{229389} + 1$	515664	L4944	20	
3681	$73770820^{65536} + 1$	515630	L4849	20	Generalized Fermat
3682	$73735306^{65536} + 1$	515616	L4308	20	Generalized Fermat
3683	$1101 \cdot 2^{1712807} + 1$	515610	L1935	12	
3684	$73611228^{65536} + 1$	515569	L5027	20	Generalized Fermat
3685	$73579576^{65536} + 1$	515556	L5027	20	Generalized Fermat
3686	$73527600^{65536} + 1$	515536	L4909	20	Generalized Fermat
3687	$73458528^{65536} + 1$	515509	L4747	20	Generalized Fermat

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3688	$73314542^{65536} + 1$	515454	L5025	20	Generalized Fermat
3689	$73175654^{65536} + 1$	515400	L4984	20	Generalized Fermat
3690	$72987012^{65536} + 1$	515326	L5024	20	Generalized Fermat
3691	$72986366^{65536} + 1$	515326	L5024	20	Generalized Fermat
3692	$175 \cdot 2^{1711779} - 1$	515300	L384	14	
3693	$72905222^{65536} + 1$	515294	L4267	20	Generalized Fermat
3694	$72835678^{65536} + 1$	515267	L5023	20	Generalized Fermat
3695	$72832432^{65536} + 1$	515266	L4623	20	Generalized Fermat
3696	$72734952^{65536} + 1$	515228	L5021	20	Generalized Fermat
3697	$72708334^{65536} + 1$	515217	L4530	20	Generalized Fermat
3698	$72656320^{65536} + 1$	515197	L5021	20	Generalized Fermat
3699	$72589302^{65536} + 1$	515171	L5021	20	Generalized Fermat
3700	$72583992^{65536} + 1$	515169	L5022	20	Generalized Fermat
3701	$1485 \cdot 2^{1711331} - 1$	515166	L1134	14	
3702	$72489324^{65536} + 1$	515131	L5021	20	Generalized Fermat
3703	$72477906^{65536} + 1$	515127	L5021	20	Generalized Fermat
3704	$1029 \cdot 2^{1711100} - 1$	515096	L1828	14	
3705	$72189436^{65536} + 1$	515013	L5019	20	Generalized Fermat
3706	$491 \cdot 2^{1710497} + 1$	514914	L3271	13	
3707	$237 \cdot 2^{1710490} + 1$	514912	L1408	13	
3708	$71830642^{65536} + 1$	514872	L5017	20	Generalized Fermat
3709	$71729282^{65536} + 1$	514831	L5016	20	Generalized Fermat
3710	$1967 \cdot 2^{1710052} - 1$	514781	L4113	17	
3711	$71533230^{65536} + 1$	514754	L4917	20	Generalized Fermat
3712	$71453170^{65536} + 1$	514722	L4853	20	Generalized Fermat
3713	$71422068^{65536} + 1$	514709	L4917	20	Generalized Fermat
3714	$71419208^{65536} + 1$	514708	L4672	20	Generalized Fermat
3715	$71411244^{65536} + 1$	514705	L4738	20	Generalized Fermat
3716	$2415 \cdot 288^{209272} + 1$	514686	L4944	20	
3717	$71256288^{65536} + 1$	514643	L5011	20	Generalized Fermat
3718	$387 \cdot 2^{1709440} - 1$	514596	L3844	14	
3719	$71083738^{65536} + 1$	514574	L5010	19	Generalized Fermat
3720	$71042934^{65536} + 1$	514558	L4977	19	Generalized Fermat
3721	$70800832^{65536} + 1$	514461	L4747	19	Generalized Fermat
3722	$70788928^{65536} + 1$	514456	L5007	19	Generalized Fermat
3723	$833 \cdot 2^{1708797} + 1$	514403	L1935	12	
3724	$70569854^{65536} + 1$	514368	L5006	19	Generalized Fermat
3725	$1035 \cdot 2^{1708648} + 1$	514358	L2973	12	
3726	$70527284^{65536} + 1$	514350	L5006	19	Generalized Fermat
3727	$70492424^{65536} + 1$	514336	L4747	19	Generalized Fermat
3728	$70431290^{65536} + 1$	514312	L4747	19	Generalized Fermat
3729	$70313466^{65536} + 1$	514264	L4530	19	Generalized Fermat
3730	$70278190^{65536} + 1$	514250	L5005	19	Generalized Fermat
3731	$333 \cdot 2^{1708106} + 1$	514194	L3154	13	
3732	$203 \cdot 762^{178410} + 1$	514172	L541	20	
3733	$69967876^{65536} + 1$	514124	L4870	19	Generalized Fermat
3734	$69921942^{65536} + 1$	514105	L4956	19	Generalized Fermat
3735	$69718316^{65536} + 1$	514022	L4747	19	Generalized Fermat

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3736	$69691840^{65536} + 1$	514011	L4853	19	Generalized Fermat
3737	$69649212^{65536} + 1$	513994	L4747	19	Generalized Fermat
3738	$18656 \cdot 5^{735326} - 1$	513976	p280	12	
3739	$69504360^{65536} + 1$	513935	L4864	19	Generalized Fermat
3740	$183 \cdot 2^{1707182} - 1$	513916	L384	14	
3741	$935 \cdot 2^{1707129} + 1$	513901	L1300	12	
3742	$69415014^{65536} + 1$	513898	L4787	19	Generalized Fermat
3743	$889 \cdot 2^{1707094} + 1$	513890	L3262	12	
3744	$1520 \cdot 61^{287837} - 1$	513888	p328	15	
3745	$69385726^{65536} + 1$	513886	L4853	19	Generalized Fermat
3746	$69255526^{65536} + 1$	513833	L4853	19	Generalized Fermat
3747	$69177340^{65536} + 1$	513800	L4726	19	Generalized Fermat
3748	$69145164^{65536} + 1$	513787	L4500	19	Generalized Fermat
3749	$68923948^{65536} + 1$	513696	L4737	19	Generalized Fermat
3750	$68887742^{65536} + 1$	513681	L4950	19	Generalized Fermat
3751	$68876616^{65536} + 1$	513676	L4853	19	Generalized Fermat
3752	$68825266^{65536} + 1$	513655	L4774	19	Generalized Fermat
3753	$68819462^{65536} + 1$	513653	L4950	19	Generalized Fermat
3754	$68787794^{65536} + 1$	513640	L4853	19	Generalized Fermat
3755	$68699002^{65536} + 1$	513603	L4747	19	Generalized Fermat
3756	$68634098^{65536} + 1$	513576	L4853	19	Generalized Fermat
3757	$68535830^{65536} + 1$	513535	L4747	19	Generalized Fermat
3758	$68519002^{65536} + 1$	513528	L4747	19	Generalized Fermat
3759	$267 \cdot 2^{1705793} - 1$	513498	L1828	13	
3760	$68417666^{65536} + 1$	513486	L4853	19	Generalized Fermat
3761	$68353724^{65536} + 1$	513459	L4672	19	Generalized Fermat
3762	$68332062^{65536} + 1$	513450	L4747	19	Generalized Fermat
3763	$(2^{852770} + 1)^2 - 2$	513419	p405	19	
3764	$68022564^{65536} + 1$	513321	L4747	19	Generalized Fermat
3765	$291 \cdot 2^{1705173} - 1$	513311	L2484	13	
3766	$67988572^{65536} + 1$	513307	L4853	19	Generalized Fermat
3767	$67946296^{65536} + 1$	513289	L4672	19	Generalized Fermat
3768	$165 \cdot 2^{1705093} + 1$	513287	L1158	13	
3769	$67886910^{65536} + 1$	513264	L4205	19	Generalized Fermat
3770	$67797528^{65536} + 1$	513227	L4774	19	Generalized Fermat
3771	$67659536^{65536} + 1$	513169	L4267	19	Generalized Fermat
3772	$67641884^{65536} + 1$	513162	L4989	19	Generalized Fermat
3773	$109 \cdot 2^{1704658} + 1$	513156	L1751	12	
3774	$67607058^{65536} + 1$	513147	L4984	19	Generalized Fermat
3775	$5754 \cdot 313^{205617} - 1$	513131	L4944	20	
3776	$67437280^{65536} + 1$	513075	L4747	19	Generalized Fermat
3777	$727 \cdot 2^{1704196} + 1$	513017	L1741	12	
3778	$67291176^{65536} + 1$	513014	L4853	19	Generalized Fermat
3779	$67254608^{65536} + 1$	512998	L4853	19	Generalized Fermat
3780	$67226590^{65536} + 1$	512986	L4986	19	Generalized Fermat
3781	$4035 \cdot 2^{1704089} - 1$	512986	L1959	14	
3782	$67217514^{65536} + 1$	512982	L4984	19	Generalized Fermat
3783	$67182906^{65536} + 1$	512968	L4747	19	Generalized Fermat

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3784	$67174482^{65536} + 1$	512964	L4853	19	Generalized Fermat
3785	$67135830^{65536} + 1$	512948	L4774	19	Generalized Fermat
3786	$67128624^{65536} + 1$	512945	L4359	19	Generalized Fermat
3787	$67115446^{65536} + 1$	512939	L4982	19	Generalized Fermat
3788	$67095494^{65536} + 1$	512931	L4705	19	Generalized Fermat
3789	$67074678^{65536} + 1$	512922	L4774	19	Generalized Fermat
3790	$66968818^{65536} + 1$	512877	L4747	19	Generalized Fermat
3791	$2 \cdot 3^{1074726} + 1$	512775	p199	10	
3792	$165 \cdot 2^{1703392} + 1$	512775	L2131	13	
3793	$66659348^{65536} + 1$	512745	L4705	19	Generalized Fermat
3794	$66657214^{65536} + 1$	512744	L4905	19	Generalized Fermat
3795	$66656676^{65536} + 1$	512744	L4977	19	Generalized Fermat
3796	$1195 \cdot 2^{1703221} - 1$	512724	L1828	14	
3797	$313 \cdot 2^{1703119} - 1$	512693	L1809	13	
3798	$66537066^{65536} + 1$	512693	L4905	19	Generalized Fermat
3799	$855 \cdot 2^{1703065} + 1$	512677	L1741	12	
3800	$283 \cdot 2^{1702599} - 1$	512536	L426	10	
3801	$851 \cdot 2^{1702569} + 1$	512528	L3344	12	
3802	$10071 \cdot 2^{1702501} + 1$	512508	p168	17	
3803	$30 \cdot 171^{229506} + 1$	512488	L4944	19	
3804	$1057 \cdot 2^{1701973} - 1$	512348	L1828	14	
3805	$1071 \cdot 2^{1701792} + 1$	512294	L3343	12	
3806	$4149 \cdot 2^{1701565} - 1$	512226	L1959	15	
3807	$65444914^{65536} + 1$	512222	L4956	19	Generalized Fermat
3808	$65432626^{65536} + 1$	512216	L4267	19	Generalized Fermat
3809	$65357568^{65536} + 1$	512184	L4956	19	Generalized Fermat
3810	$49204 \cdot 1027^{170070} + 1$	512183	L4001	18	
3811	$65217852^{65536} + 1$	512123	L4853	19	Generalized Fermat
3812	$65188204^{65536} + 1$	512110	L4971	19	Generalized Fermat
3813	$4187 \cdot 2^{1701140} - 1$	512098	L1959	14	
3814	$65159860^{65536} + 1$	512098	L4787	19	Generalized Fermat
3815	$1005 \cdot 2^{1700883} - 1$	512020	L1828	14	
3816	$64962674^{65536} + 1$	512011	L4530	19	Generalized Fermat
3817	$64908524^{65536} + 1$	511988	L4968	19	Generalized Fermat
3818	$233 \cdot 2^{1700734} - 1$	511975	L426	10	
3819	$1642 \cdot 30^{346592} - 1$	511962	p268	12	
3820	$64758794^{65536} + 1$	511922	L4943	19	Generalized Fermat
3821	$17977 \cdot 2^{1700428} + 1$	511885	L5115	21	
3822	$64510644^{65536} + 1$	511813	L4934	19	Generalized Fermat
3823	$19285 \cdot 2^{1700148} + 1$	511800	L5115	20	
3824	$18261 \cdot 2^{1700104} + 1$	511787	L5115	20	
3825	$12783 \cdot 2^{1700018} + 1$	511761	L5115	20	
3826	$2444379546449 \cdot 2^{1699964} - 1$	511753	L2484	15	
3827	$64297742^{65536} + 1$	511718	L4787	19	Generalized Fermat
3828	$2428 \cdot 333^{202852} + 1$	511687	L4001	17	
3829	$64172582^{65536} + 1$	511663	L4963	19	Generalized Fermat
3830	$64093074^{65536} + 1$	511628	L4861	19	Generalized Fermat
3831	$64029766^{65536} + 1$	511600	L4939	19	Generalized Fermat

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3832	$64008220^{65536} + 1$	511590	L4853	19	Generalized Fermat
3833	$6 \cdot 258^{212134} - 1$	511588	L3610	14	
3834	$927 \cdot 2^{1699446} + 1$	511588	L1741	12	
3835	$4133 \cdot 2^{1699380} - 1$	511568	L1959	15	
3836	$63853188^{65536} + 1$	511521	L4853	19	Generalized Fermat
3837	$63850468^{65536} + 1$	511520	L4387	19	Generalized Fermat
3838	$63827844^{65536} + 1$	511510	L4387	19	Generalized Fermat
3839	$63786378^{65536} + 1$	511491	L4387	19	Generalized Fermat
3840	$63783272^{65536} + 1$	511490	L4774	19	Generalized Fermat
3841	$657 \cdot 2^{1699031} + 1$	511463	L3261	12	
3842	$63722348^{65536} + 1$	511463	L4956	19	Generalized Fermat
3843	$63434268^{65536} + 1$	511334	L4947	19	Generalized Fermat
3844	$63367880^{65536} + 1$	511304	L4787	19	Generalized Fermat
3845	$63322122^{65536} + 1$	511283	L4387	19	Generalized Fermat
3846	$63246814^{65536} + 1$	511249	L4920	19	Generalized Fermat
3847	$63240724^{65536} + 1$	511247	L4787	19	Generalized Fermat
3848	$1065 \cdot 2^{1698303} + 1$	511244	L1741	12	
3849	$63190552^{65536} + 1$	511224	L4861	19	Generalized Fermat
3850	$63132142^{65536} + 1$	511198	L4861	19	Generalized Fermat
3851	$63096178^{65536} + 1$	511182	L4920	19	Generalized Fermat
3852	$62951326^{65536} + 1$	511116	L4950	19	Generalized Fermat
3853	$561 \cdot 2^{1697783} + 1$	511087	L1360	12	
3854	$62876900^{65536} + 1$	511082	L4949	19	Generalized Fermat
3855	$62841156^{65536} + 1$	511066	L4920	19	Generalized Fermat
3856	$62840404^{65536} + 1$	511066	L4947	19	Generalized Fermat
3857	$5 \cdot 10^{511056} - 1$	511057	p297	11	Near-repdigit
3858	$62702572^{65536} + 1$	511003	L4946	19	Generalized Fermat
3859	$62555084^{65536} + 1$	510936	L4709	19	Generalized Fermat
3860	$62554864^{65536} + 1$	510936	L4945	19	Generalized Fermat
3861	$62479964^{65536} + 1$	510902	L4920	19	Generalized Fermat
3862	$62464130^{65536} + 1$	510895	L4839	19	Generalized Fermat
3863	$62384964^{65536} + 1$	510859	L4387	19	Generalized Fermat
3864	$62384838^{65536} + 1$	510859	L4853	19	Generalized Fermat
3865	$62336612^{65536} + 1$	510837	L4787	19	Generalized Fermat
3866	$62322622^{65536} + 1$	510830	L4387	19	Generalized Fermat
3867	$62286896^{65536} + 1$	510814	L4920	19	Generalized Fermat
3868	$24510 \cdot 745^{177846} - 1$	510806	L4189	17	
3869	$62199942^{65536} + 1$	510774	L4853	19	Generalized Fermat
3870	$62151540^{65536} + 1$	510752	L4943	19	Generalized Fermat
3871	$62142718^{65536} + 1$	510748	L4599	19	Generalized Fermat
3872	$1193 \cdot 2^{1696600} - 1$	510731	L1828	14	
3873	$62064808^{65536} + 1$	510712	L4387	19	Generalized Fermat
3874	$62064626^{65536} + 1$	510712	L4942	19	Generalized Fermat
3875	$62038276^{65536} + 1$	510700	L4941	19	Generalized Fermat
3876	$62 \cdot 3^{1070242} + 1$	510637	L4799	20	
3877	$61754924^{65536} + 1$	510570	L4939	19	Generalized Fermat
3878	$27264 \cdot 151^{234276} - 1$	510487	L4444	18	
3879	$259 \cdot 2^{1695723} - 1$	510466	L2444	14	

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3880	$61425072^{65536} + 1$	510418	L4853	19	Generalized Fermat
3881	$61395720^{65536} + 1$	510404	L4387	19	Generalized Fermat
3882	$121 \cdot 2^{1695499} - 1$	510399	L62	05	
3883	$4023 \cdot 2^{1695443} - 1$	510383	L1959	15	
3884	$141068 \cdot 151^{234228} - 1$	510383	L4001	18	
3885	$61298290^{65536} + 1$	510359	L4787	19	Generalized Fermat
3886	$61216832^{65536} + 1$	510321	L4267	19	Generalized Fermat
3887	$61193080^{65536} + 1$	510310	L4387	19	Generalized Fermat
3888	$61135724^{65536} + 1$	510283	L4249	19	Generalized Fermat
3889	$460 \cdot 628^{182346} + 1$	510200	L4944	20	
3890	$60912388^{65536} + 1$	510179	L4934	19	Generalized Fermat
3891	$154 \cdot 730^{178174} + 1$	510172	L4001	18	
3892	$60892852^{65536} + 1$	510170	L4747	19	Generalized Fermat
3893	$883 \cdot 2^{1694710} + 1$	510162	L1204	12	
3894	$838 \cdot 367^{198905} + 1$	510128	L4944	21	
3895	$60801962^{65536} + 1$	510127	L4920	19	Generalized Fermat
3896	$134 \cdot 3^{1069166} + 1$	510124	L4799	20	
3897	$60791522^{65536} + 1$	510122	L4898	19	Generalized Fermat
3898	$60740702^{65536} + 1$	510099	L4747	19	Generalized Fermat
3899	$60620338^{65536} + 1$	510042	L4933	19	Generalized Fermat
3900	$985 \cdot 2^{1694268} + 1$	510029	L3167	12	
3901	$60568416^{65536} + 1$	510018	L4249	19	Generalized Fermat
3902	$405 \cdot 2^{1693765} + 1$	509877	L1741	13	
3903	$60084272^{65536} + 1$	509789	L4387	19	Generalized Fermat
3904	$60056188^{65536} + 1$	509776	L4853	19	Generalized Fermat
3905	$59973204^{65536} + 1$	509737	L4747	19	Generalized Fermat
3906	$59923820^{65536} + 1$	509713	L4387	19	Generalized Fermat
3907	$59911840^{65536} + 1$	509708	L4387	19	Generalized Fermat
3908	$59841338^{65536} + 1$	509674	L4787	19	Generalized Fermat
3909	$873 \cdot 2^{1692706} + 1$	509559	L1980	12	
3910	$299 \cdot 2^{1692271} + 1$	509427	L1741	13	
3911	$59282734^{65536} + 1$	509407	L4709	19	Generalized Fermat
3912	$59214242^{65536} + 1$	509374	L4921	19	Generalized Fermat
3913	$59136274^{65536} + 1$	509337	L4920	19	Generalized Fermat
3914	$59071146^{65536} + 1$	509305	L4787	19	Generalized Fermat
3915	$59015944^{65536} + 1$	509279	L4747	19	Generalized Fermat
3916	$58897838^{65536} + 1$	509222	L4928	19	Generalized Fermat
3917	$58838172^{65536} + 1$	509193	L4926	19	Generalized Fermat
3918	$58665154^{65536} + 1$	509109	L4599	19	Generalized Fermat
3919	$993 \cdot 2^{1691212} + 1$	509109	L3262	12	
3920	$58644648^{65536} + 1$	509099	L4747	19	Generalized Fermat
3921	$58528880^{65536} + 1$	509043	L4726	19	Generalized Fermat
3922	$1369 \cdot 2^{1690781} - 1$	508979	L1828	14	
3923	$58384684^{65536} + 1$	508973	L4599	19	Generalized Fermat
3924	$395 \cdot 2^{1690690} - 1$	508951	L1819	13	
3925	$79672 \cdot 1027^{168996} + 1$	508949	L4001	18	
3926	$217 \cdot 2^{1690664} + 1$	508943	L3412	13	
3927	$58226162^{65536} + 1$	508895	L4921	19	Generalized Fermat

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3928	$58077056^{65536} + 1$	508822	L4920	19	Generalized Fermat
3929	$58065838^{65536} + 1$	508817	L4861	19	Generalized Fermat
3930	$57984540^{65536} + 1$	508777	L4387	19	Generalized Fermat
3931	$57955358^{65536} + 1$	508763	L4387	19	Generalized Fermat
3932	$57666292^{65536} + 1$	508620	L4742	19	Generalized Fermat
3933	$57652882^{65536} + 1$	508614	L4880	19	Generalized Fermat
3934	$4135 \cdot 2^{1689399} - 1$	508564	L1959	15	
3935	$57413758^{65536} + 1$	508495	L4692	19	Generalized Fermat
3936	$6102 \cdot 162^{230090} + 1$	508392	L4944	19	
3937	$57117422^{65536} + 1$	508348	L4753	19	Generalized Fermat
3938	$56857098^{65536} + 1$	508218	L4817	19	Generalized Fermat
3939	$56795992^{65536} + 1$	508187	L4772	19	Generalized Fermat
3940	$56749480^{65536} + 1$	508164	L4919	19	Generalized Fermat
3941	$56731448^{65536} + 1$	508155	L4734	19	Generalized Fermat
3942	$56586100^{65536} + 1$	508082	L4918	19	Generalized Fermat
3943	$273428 \cdot 151^{233164} - 1$	508065	L4001	18	
3944	$599 \cdot 2^{1687659} + 1$	508039	L3262	12	
3945	$56339292^{65536} + 1$	507958	L4916	19	Generalized Fermat
3946	$56318206^{65536} + 1$	507947	L4917	19	Generalized Fermat
3947	$20049 \cdot 2^{1687252} - 1$	507918	L1471	11	
3948	$56170642^{65536} + 1$	507872	L4880	19	Generalized Fermat
3949	$915 \cdot 2^{1686699} + 1$	507750	L2520	12	
3950	$55837944^{65536} + 1$	507703	L4200	19	Generalized Fermat
3951	$55836122^{65536} + 1$	507702	L4734	19	Generalized Fermat
3952	$55740434^{65536} + 1$	507654	L4747	19	Generalized Fermat
3953	$2 \cdot 3^{1063844} - 1$	507583	L426	12	
3954	$63 \cdot 2^{1686050} + 1$	507554	L2085	11	Divides $GF(1686047, 12)$
3955	$1191 \cdot 2^{1686001} + 1$	507540	L1935	12	
3956	$55396316^{65536} + 1$	507477	L4620	19	Generalized Fermat
3957	$55317972^{65536} + 1$	507437	L4726	19	Generalized Fermat
3958	$55292592^{65536} + 1$	507424	L4745	19	Generalized Fermat
3959	$693 \cdot 2^{1685544} + 1$	507403	L1354	12	
3960	$55110930^{65536} + 1$	507330	L4210	19	Generalized Fermat
3961	$9710 \cdot 111^{248035} - 1$	507316	L4444	20	
3962	$55072040^{65536} + 1$	507310	L4591	19	Generalized Fermat
3963	$339 \cdot 2^{1685135} + 1$	507279	L1595	13	
3964	$54949840^{65536} + 1$	507247	L4410	19	Generalized Fermat
3965	$54937732^{65536} + 1$	507241	L4726	19	Generalized Fermat
3966	$54889620^{65536} + 1$	507216	L4914	19	Generalized Fermat
3967	$19 \cdot 2^{1684813} - 1$	507181	L503	08	
3968	$54739648^{65536} + 1$	507138	L4903	19	Generalized Fermat
3969	$133 \cdot 2^{1684616} + 1$	507123	L2826	13	
3970	$110059! + 1$	507082	p312	11	Factorial
3971	$1119 \cdot 2^{1684471} - 1$	507080	L1828	14	
3972	$54587920^{65536} + 1$	507059	L4903	19	Generalized Fermat
3973	$54435560^{65536} + 1$	506979	L4747	19	Generalized Fermat
3974	$54387024^{65536} + 1$	506954	L4395	19	Generalized Fermat
3975	$415 \cdot 2^{1684046} + 1$	506951	L1990	13	

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3976	$54377542^{65536} + 1$	506949	L4745	19	Generalized Fermat
3977	$54234920^{65536} + 1$	506874	L4201	19	Generalized Fermat
3978	$12001 \cdot 42^{312245} + 1$	506856	L4001	19	
3979	$999 \cdot 2^{1683539} - 1$	506799	L4518	20	
3980	$53942572^{65536} + 1$	506720	L4530	19	Generalized Fermat
3981	$53874510^{65536} + 1$	506684	L4734	19	Generalized Fermat
3982	$53869266^{65536} + 1$	506682	L4774	19	Generalized Fermat
3983	$53847196^{65536} + 1$	506670	L4763	19	Generalized Fermat
3984	$53797422^{65536} + 1$	506644	L4201	19	Generalized Fermat
3985	$53704982^{65536} + 1$	506595	L4734	19	Generalized Fermat
3986	$53660144^{65536} + 1$	506571	L4745	19	Generalized Fermat
3987	$53607314^{65536} + 1$	506543	L4544	19	Generalized Fermat
3988	$53566068^{65536} + 1$	506521	L4774	19	Generalized Fermat
3989	$53510900^{65536} + 1$	506492	L4745	19	Generalized Fermat
3990	$53507594^{65536} + 1$	506490	L4747	19	Generalized Fermat
3991	$53475642^{65536} + 1$	506473	L4410	19	Generalized Fermat
3992	$53258832^{65536} + 1$	506357	L4745	19	Generalized Fermat
3993	$53146516^{65536} + 1$	506297	L4742	19	Generalized Fermat
3994	$52963984^{65536} + 1$	506199	L4880	19	Generalized Fermat
3995	$52871154^{65536} + 1$	506149	L4909	19	Generalized Fermat
3996	$1004 \cdot 133^{238300} - 1$	506117	p289	13	
3997	$52690172^{65536} + 1$	506052	L4549	19	Generalized Fermat
3998	$249 \cdot 2^{1681039} + 1$	506046	L1741	13	
3999	$52558020^{65536} + 1$	505980	L4745	19	Generalized Fermat
4000	$52531754^{65536} + 1$	505966	L4747	19	Generalized Fermat
4001	$52462148^{65536} + 1$	505928	L4899	19	Generalized Fermat
4002	$52333192^{65536} + 1$	505858	L4765	19	Generalized Fermat
4003	$5374 \cdot 5^{723697} - 1$	505847	p351	12	
4004	$52301890^{65536} + 1$	505841	L4755	19	Generalized Fermat
4005	$52250632^{65536} + 1$	505813	L4905	19	Generalized Fermat
4006	$52186612^{65536} + 1$	505778	L4904	19	Generalized Fermat
4007	$555 \cdot 2^{1679952} + 1$	505719	L3262	12	
4008	$193 \cdot 2^{1679938} + 1$	505715	L1741	13	
4009	$52067302^{65536} + 1$	505713	L4903	19	Generalized Fermat
4010	$52054552^{65536} + 1$	505706	L4549	19	Generalized Fermat
4011	$357 \cdot 2^{1679872} + 1$	505695	L3139	13	
4012	$309 \cdot 2^{1679867} + 1$	505693	L2675	13	
4013	$985 \cdot 2^{1679754} + 1$	505660	L1741	12	
4014	$51944436^{65536} + 1$	505646	L4655	19	Generalized Fermat
4015	$51927094^{65536} + 1$	505637	L4549	19	Generalized Fermat
4016	$51888044^{65536} + 1$	505615	L4760	19	Generalized Fermat
4017	$1065 \cdot 2^{1679402} + 1$	505554	L3262	12	
4018	$51708088^{65536} + 1$	505516	L4734	19	Generalized Fermat
4019	$51686702^{65536} + 1$	505504	L4341	19	Generalized Fermat
4020	$51506978^{65536} + 1$	505405	L4767	19	Generalized Fermat
4021	$5145452^{65536} + 1$	505377	L4899	19	Generalized Fermat
4022	$51443210^{65536} + 1$	505370	L4530	19	Generalized Fermat
4023	$51337006^{65536} + 1$	505311	L4898	19	Generalized Fermat

rank	description	digits	who	year	comment
4024	$7092 \cdot 313^{202412} - 1$	505132	L4944	20	
4025	$50969866^{65536} + 1$	505107	L4745	19	Generalized Fermat
4026	$2369 \cdot 618^{180975} + 1$	505103	L4001	18	
4027	$50907674^{65536} + 1$	505072	L4897	19	Generalized Fermat
4028	$1109 \cdot 2^{1677760} - 1$	505060	L1828	14	
4029	$50781728^{65536} + 1$	505002	L4894	19	Generalized Fermat
4030	$139 \cdot 666^{178851} - 1$	504984	L2054	11	
4031	$2297973 \cdot 2^{1677460} + 1$	504973	L4094	21	
4032	$978329 \cdot 2^{1677461} + 1$	504973	L4094	18	
4033	$469779 \cdot 2^{1677462} + 1$	504973	L4094	17	
4034	$76141 \cdot 2^{1677464} + 1$	504972	L4094	15	
4035	$559 \cdot 2^{1677446} + 1$	504965	L3262	12	
4036	$220634 \cdot 151^{231725} - 1$	504929	L4001	18	
4037	$411 \cdot 2^{1677196} + 1$	504889	L2734	13	
4038	$50546746^{65536} + 1$	504870	L4817	19	Generalized Fermat
4039	$905 \cdot 2^{1677085} + 1$	504856	L3249	12	
4040	$60357 \cdot 2^{1676907} + 1$	504805	L587	11	
4041	$567 \cdot 2^{1676783} + 1$	504765	L1576	12	
4042	$4115 \cdot 2^{1676476} - 1$	504674	L1959	15	
4043	$50164202^{65536} + 1$	504654	L4870	19	Generalized Fermat
4044	$50140536^{65536} + 1$	504640	L4591	19	Generalized Fermat
4045	$50124978^{65536} + 1$	504631	L4741	19	Generalized Fermat
4046	$49975182^{65536} + 1$	504546	L4289	19	Generalized Fermat
4047	$255 \cdot 2^{1675403} + 1$	504349	L1741	13	
4048	$49473608^{65536} + 1$	504259	L4729	19	Generalized Fermat
4049	$49433304^{65536} + 1$	504236	L4760	19	Generalized Fermat
4050	$49353010^{65536} + 1$	504190	L4897	19	Generalized Fermat
4051	$122 \cdot 806^{173475} + 1$	504179	L4001	17	
4052	$95 \cdot 2^{1674777} + 1$	504161	L1224	11	
4053	$1043 \cdot 2^{1674573} + 1$	504100	L3338	12	
4054	$5854146 \cdot 15^{428616} - 1$	504099	L4786	18	
4055	$4175 \cdot 2^{1674484} - 1$	504074	L1959	15	
4056	$699 \cdot 2^{1674293} + 1$	504016	L2366	12	
4057	$49008360^{65536} + 1$	503990	L4887	19	Generalized Fermat
4058	$1355 \cdot 2^{1674156} - 1$	503975	L1828	14	
4059	$48967836^{65536} + 1$	503967	L4286	19	Generalized Fermat
4060	$93 \cdot 2^{1673893} + 1$	503894	L2085	11	
4061	$48843798^{65536} + 1$	503894	L4734	19	Generalized Fermat
4062	$173 \cdot 2^{1673881} + 1$	503891	L3234	13	
4063	$1333 \cdot 2^{1673867} - 1$	503888	L1828	14	
4064	$48693126^{65536} + 1$	503806	L4886	19	Generalized Fermat
4065	$48683018^{65536} + 1$	503800	L4745	19	Generalized Fermat
4066	$48637118^{65536} + 1$	503774	L4791	19	Generalized Fermat
4067	$48424300^{65536} + 1$	503649	L4309	19	Generalized Fermat
4068	$48210372^{65536} + 1$	503523	L4737	19	Generalized Fermat
4069	$48202934^{65536} + 1$	503518	L4526	19	Generalized Fermat
4070	$48169782^{65536} + 1$	503499	L4817	19	Generalized Fermat
4071	$879 \cdot 2^{1672525} + 1$	503484	L1741	12	

rank	description	digits	who	year	comment
4072	$987 \cdot 2^{1672475} + 1$	503469	L1745	12	
4073	$48078610^{65536} + 1$	503445	L4884	19	Generalized Fermat
4074	$48036128^{65536} + 1$	503420	L4817	19	Generalized Fermat
4075	$1193 \cdot 2^{1672244} - 1$	503399	L1828	14	
4076	$47911922^{65536} + 1$	503346	L4252	19	Generalized Fermat
4077	$47854178^{65536} + 1$	503312	L4410	19	Generalized Fermat
4078	$47831888^{65536} + 1$	503298	L4741	19	Generalized Fermat
4079	$4482 \cdot 313^{201622} - 1$	503161	L4944	20	
4080	$2212 \cdot 162^{227663} + 1$	503029	L4944	19	
4081	$47368516^{65536} + 1$	503021	L4734	19	Generalized Fermat
4082	$229 \cdot 2^{1670843} - 1$	502977	L1862	15	
4083	$47124682^{65536} + 1$	502875	L4773	19	Generalized Fermat
4084	$47083532^{65536} + 1$	502850	L4747	19	Generalized Fermat
4085	$1365 \cdot 2^{1670208} + 1$	502786	L1134	15	
4086	$847 \cdot 2^{1670014} + 1$	502728	L3173	12	
4087	$141 \cdot 2^{1669965} + 1$	502712	L3294	13	
4088	$55 \cdot 2^{1669798} + 1$	502662	L2518	11	Divides $GF(1669797, 12)$
4089	$6283011 \cdot 2^{1669564} + 1$	502596	g430	19	
4090	$6021583 \cdot 2^{1669564} + 1$	502596	g430	19	
4091	$46587924^{65536} + 1$	502548	L4867	19	Generalized Fermat
4092	$1089 \cdot 2^{1669361} + 1$	502531	L1584	12	
4093	$46539762^{65536} + 1$	502519	L4871	19	Generalized Fermat
4094	$46475746^{65536} + 1$	502480	L4871	19	Generalized Fermat
4095	$161 \cdot 2^{1668927} + 1$	502400	L2520	13	
4096	$46145120^{65536} + 1$	502277	L4872	18	Generalized Fermat
4097	$46131706^{65536} + 1$	502268	L4870	18	Generalized Fermat
4098	$525 \cdot 2^{1668316} + 1$	502216	L3221	12	
4099	$45837186^{65536} + 1$	502086	L4867	18	Generalized Fermat
4100	$15 \cdot 2^{1667744} + 1$	502043	g279	07	
4101	$45727976^{65536} + 1$	502018	L4875	19	Generalized Fermat
4102	$45660678^{65536} + 1$	501976	L4865	18	Generalized Fermat
4103	$45642558^{65536} + 1$	501965	L4747	18	Generalized Fermat
4104	$4101 \cdot 2^{1667313} - 1$	501915	L1959	15	
4105	$2^{1667321} - 2^{833661} + 1$	501914	L137	11	Gaussian Mersenne norm 38?, generalized unique
4106	$45536968^{65536} + 1$	501899	L4747	18	Generalized Fermat
4107	$195 \cdot 2^{1667115} - 1$	501854	L1828	14	
4108	$149183 \cdot 2^{1666957} + 1$	501810	g346	05	
4109	$45394036^{65536} + 1$	501810	L4747	18	Generalized Fermat
4110	$45340828^{65536} + 1$	501776	L4286	18	Generalized Fermat
4111	$45327802^{65536} + 1$	501768	L4863	18	Generalized Fermat
4112	$45288396^{65536} + 1$	501743	L4787	18	Generalized Fermat
4113	$45254752^{65536} + 1$	501722	L4720	18	Generalized Fermat
4114	$45251962^{65536} + 1$	501720	L4760	18	Generalized Fermat
4115	$205 \cdot 2^{1666435} - 1$	501650	L2444	14	
4116	$45126534^{65536} + 1$	501641	L4862	18	Generalized Fermat
4117	$45070994^{65536} + 1$	501606	L4861	18	Generalized Fermat
4118	$99 \cdot 2^{1665995} + 1$	501517	L2121	11	

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4119	$44836986^{65536} + 1$	501458	L4684	18	Generalized Fermat
4120	$44799596^{65536} + 1$	501434	L4859	18	Generalized Fermat
4121	$44690560^{65536} + 1$	501365	L4857	18	Generalized Fermat
4122	$44533068^{65536} + 1$	501265	L4249	18	Generalized Fermat
4123	$44427620^{65536} + 1$	501197	L4387	18	Generalized Fermat
4124	$44408348^{65536} + 1$	501185	L4849	18	Generalized Fermat
4125	$44401238^{65536} + 1$	501180	L4856	18	Generalized Fermat
4126	$44285794^{65536} + 1$	501106	L4787	18	Generalized Fermat
4127	$44282836^{65536} + 1$	501104	L4530	18	Generalized Fermat
4128	$10198 \cdot 1027^{166366} + 1$	501027	L4700	18	
4129	$403 \cdot 2^{1664194} + 1$	500975	L2626	13	
4130	$43867006^{65536} + 1$	500836	L4853	18	Generalized Fermat
4131	$43857722^{65536} + 1$	500830	L4330	18	Generalized Fermat
4132	$43748016^{65536} + 1$	500758	L4530	18	Generalized Fermat
4133	$43746498^{65536} + 1$	500757	L4645	18	Generalized Fermat
4134	$43712198^{65536} + 1$	500735	L4584	18	Generalized Fermat
4135	$43662354^{65536} + 1$	500703	L4747	18	Generalized Fermat
4136	$43581628^{65536} + 1$	500650	L4817	18	Generalized Fermat
4137	$10950 \cdot 46^{301087} + 1$	500639	L4944	19	
4138	$1586 \cdot 213^{214993} + 1$	500589	L4925	20	
4139	$43439336^{65536} + 1$	500557	L4530	18	Generalized Fermat
4140	$56093 \cdot 6^{643170} - 1$	500489	p366	15	
4141	$233 \cdot 2^{1662513} + 1$	500469	L3035	13	
4142	$43242432^{65536} + 1$	500428	L4747	18	Generalized Fermat
4143	$43216120^{65536} + 1$	500410	L4747	18	Generalized Fermat
4144	$438928 \cdot 31^{335533} + 1$	500407	L4789	20	
4145	$43176248^{65536} + 1$	500384	L4366	18	Generalized Fermat
4146	$43173706^{65536} + 1$	500382	L4848	18	Generalized Fermat
4147	$441 \cdot 2^{1662069} + 1$	500336	L3113	13	
4148	$43084562^{65536} + 1$	500323	L4846	18	Generalized Fermat
4149	$174 \cdot 589^{180580} - 1$	500230	L4001	19	
4150	$42757860^{65536} + 1$	500107	L4843	18	Generalized Fermat
4151	$42743760^{65536} + 1$	500097	L4387	18	Generalized Fermat
4152	$42620908^{65536} + 1$	500015	L4705	18	Generalized Fermat
4153	$325785 \cdot 10^{500000} - 1$	500006	L4789	20	
4154	$54976 \cdot 10^{500000} + 1$	500005	L4789	19	
4155	$3^{1047951} - 3^{375897} - 1$	500000	p269	15	
4156	$354 \cdot 994^{166791} + 1$	499940	L4944	20	
4157	$42439456^{65536} + 1$	499894	L4839	18	Generalized Fermat
4158	$533 \cdot 2^{1660425} + 1$	499841	L2117	12	
4159	$825 \cdot 2^{1660087} + 1$	499739	L2366	12	
4160	$42177946^{65536} + 1$	499718	L4836	18	Generalized Fermat
4161	$42045360^{65536} + 1$	499628	L4645	18	Generalized Fermat
4162	$41982488^{65536} + 1$	499586	L4747	18	Generalized Fermat
4163	$41960754^{65536} + 1$	499571	L4823	18	Generalized Fermat
4164	$41956924^{65536} + 1$	499569	L4774	18	Generalized Fermat
4165	$63 \cdot 2^{1659338} - 1$	499513	L503	08	
4166	$41785194^{65536} + 1$	499452	L4831	18	Generalized Fermat

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4167	$521 \cdot 2^{1659077} + 1$	499435	L3262	12	
4168	$399 \cdot 2^{1659001} - 1$	499412	L1819	14	
4169	$41661376^{65536} + 1$	499367	L4530	18	Generalized Fermat
4170	$393 \cdot 2^{1658625} + 1$	499299	L3409	13	
4171	$239 \cdot 30^{337990} - 1$	499255	p268	12	
4172	$171 \cdot 2^{1658303} + 1$	499202	L1300	13	
4173	$257 \cdot 2^{1658254} - 1$	499187	L2444	14	
4174	$41378136^{65536} + 1$	499173	L4387	18	Generalized Fermat
4175	$2925 \cdot 2^{1657921} - 1$	499088	L2484	18	
4176	$41023954^{65536} + 1$	498929	L4820	18	Generalized Fermat
4177	$40951894^{65536} + 1$	498878	L4709	18	Generalized Fermat
4178	$40934648^{65536} + 1$	498866	L4819	18	Generalized Fermat
4179	$40858208^{65536} + 1$	498813	L4817	18	Generalized Fermat
4180	$40782880^{65536} + 1$	498761	L4813	18	Generalized Fermat
4181	$40726656^{65536} + 1$	498722	L4584	18	Generalized Fermat
4182	$40547834^{65536} + 1$	498596	L4813	18	Generalized Fermat
4183	$40522376^{65536} + 1$	498578	L4747	18	Generalized Fermat
4184	$40374324^{65536} + 1$	498474	L4811	18	Generalized Fermat
4185	$40348160^{65536} + 1$	498456	L4747	18	Generalized Fermat
4186	$6213 \cdot 2^{1655136} - 1$	498250	L4036	15	
4187	$1323 \cdot 2^{1655130} - 1$	498247	L1828	14	
4188	$297 \cdot 2^{1655042} - 1$	498220	L2074	13	
4189	$39822830^{65536} + 1$	498083	L4803	18	Generalized Fermat
4190	$39822410^{65536} + 1$	498082	L4802	18	Generalized Fermat
4191	$39809082^{65536} + 1$	498073	L4387	18	Generalized Fermat
4192	$61 \cdot 2^{1654383} - 1$	498021	L503	08	
4193	$39672694^{65536} + 1$	497975	L4645	18	Generalized Fermat
4194	$39641632^{65536} + 1$	497953	L4747	18	Generalized Fermat
4195	$39641162^{65536} + 1$	497953	L4787	18	Generalized Fermat
4196	$39542162^{65536} + 1$	497881	L4387	18	Generalized Fermat
4197	$39418466^{65536} + 1$	497792	L4387	18	Generalized Fermat
4198	$1047 \cdot 2^{1653096} + 1$	497635	L1792	12	
4199	$39162320^{65536} + 1$	497607	L4787	18	Generalized Fermat
4200	$39108392^{65536} + 1$	497568	L4645	18	Generalized Fermat
4201	$39089796^{65536} + 1$	497554	L4200	18	Generalized Fermat
4202	$38951594^{65536} + 1$	497453	L4747	18	Generalized Fermat
4203	$1163 \cdot 2^{1652438} - 1$	497437	L1828	14	
4204	$38881766^{65536} + 1$	497402	L4697	18	Generalized Fermat
4205	$38849156^{65536} + 1$	497378	L4747	18	Generalized Fermat
4206	$68 \cdot 23^{365239} + 1$	497358	p261	09	
4207	$38770952^{65536} + 1$	497321	L4793	18	Generalized Fermat
4208	$499 \cdot 2^{1651814} + 1$	497249	L1842	13	
4209	$38670832^{65536} + 1$	497247	L4645	18	Generalized Fermat
4210	$38659632^{65536} + 1$	497239	L4670	18	Generalized Fermat
4211	$1119 \cdot 2^{1651684} - 1$	497210	L1828	14	
4212	$1846 \cdot 333^{197100} + 1$	497178	L4001	17	
4213	$689 \cdot 2^{1651563} + 1$	497173	L1204	12	
4214	$38542914^{65536} + 1$	497153	L4791	18	Generalized Fermat

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4215	$30981 \cdot 14^{433735} - 1$	497121	p77	15	Generalized Woodall
4216	$38485606^{65536} + 1$	497111	L4366	18	Generalized Fermat
4217	$38481086^{65536} + 1$	497107	L4773	18	Generalized Fermat
4218	$38472570^{65536} + 1$	497101	L4774	18	Generalized Fermat
4219	$38385824^{65536} + 1$	497037	L4774	18	Generalized Fermat
4220	$194 \cdot 953^{166836} - 1$	497023	L4944	19	
4221	$23981 \cdot 24^{360062} + 1$	496966	L4806	19	
4222	$143 \cdot 2^{1650689} + 1$	496910	L1751	12	
4223	$37044 \cdot 1027^{164997} + 1$	496905	L4444	18	
4224	$38199804^{65536} + 1$	496898	L4720	18	Generalized Fermat
4225	$1485 \cdot 2^{1650597} + 1$	496883	L1134	14	
4226	$785 \cdot 2^{1650459} + 1$	496841	L2876	12	
4227	$38040628^{65536} + 1$	496780	L4788	18	Generalized Fermat
4228	$1383 \cdot 430^{188603} - 1$	496684	L4187	15	
4229	$1023 \cdot 2^{1649882} - 1$	496667	L1828	14	
4230	$37887878^{65536} + 1$	496665	L4747	18	Generalized Fermat
4231	$37878964^{65536} + 1$	496658	L4787	18	Generalized Fermat
4232	$233 \cdot 2^{1649741} + 1$	496624	L3405	13	
4233	$183 \cdot 2^{1649506} + 1$	496554	L2520	13	
4234	$37732056^{65536} + 1$	496548	L4478	18	Generalized Fermat
4235	$69 \cdot 2^{1649423} - 1$	496528	L621	08	
4236	$925 \cdot 2^{1649360} + 1$	496510	L3262	12	
4237	$469949 \cdot 2^{1649228} - 1$	496473	L160	07	
4238	$37592308^{65536} + 1$	496442	L4747	18	Generalized Fermat
4239	$37463776^{65536} + 1$	496345	L4747	18	Generalized Fermat
4240	$19920911 \cdot 2^{1648678} - 1$	496309	L806	17	
4241	$1383 \cdot 2^{1648494} - 1$	496250	L1828	14	
4242	$37284376^{65536} + 1$	496208	L4773	18	Generalized Fermat
4243	$37219594^{65536} + 1$	496159	L4550	18	Generalized Fermat
4244	$295 \cdot 2^{1648168} + 1$	496151	L2826	13	
4245	$146 \cdot 447^{187198} - 1$	496135	L4001	18	
4246	$1071 \cdot 2^{1647962} - 1$	496090	L1828	14	
4247	$309 \cdot 2^{1647947} - 1$	496084	L2028	12	
4248	$8369 \cdot 24^{359371} + 1$	496012	L4806	19	
4249	$209 \cdot 2^{1647640} - 1$	495992	L2338	12	
4250	$199 \cdot 2^{1647595} - 1$	495978	L2074	14	
4251	$36968128^{65536} + 1$	495966	L4774	18	Generalized Fermat
4252	$283824 \cdot 151^{227580} - 1$	495898	L4001	18	
4253	$445 \cdot 2^{1646888} + 1$	495766	L1300	13	
4254	$36633974^{65536} + 1$	495707	L4478	18	Generalized Fermat
4255	$331 \cdot 2^{1646668} + 1$	495699	L2241	13	
4256	$36614838^{65536} + 1$	495692	L4774	18	Generalized Fermat
4257	$2325 \cdot 2^{1646536} - 1$	495661	L2484	18	
4258	$57054 \cdot 1027^{164579} + 1$	495647	L4001	18	
4259	$36427586^{65536} + 1$	495546	L4777	18	Generalized Fermat
4260	$49 \cdot 2^{1646042} + 1$	495510	L2516	11	Generalized Fermat
4261	$381 \cdot 2^{1646029} - 1$	495507	L1809	14	
4262	$36362214^{65536} + 1$	495495	L4775	18	Generalized Fermat

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4263	$31347 \cdot 2^{1645868} + 1$	495461	L3886	14	
4264	$36279762^{65536} + 1$	495431	L4776	18	Generalized Fermat
4265	$36251736^{65536} + 1$	495409	L4774	18	Generalized Fermat
4266	$1695 \cdot 2^{1645579} - 1$	495372	L527	15	
4267	$36187924^{65536} + 1$	495359	L4550	18	Generalized Fermat
4268	$4990 \cdot 111^{242169} + 1$	495318	L4444	18	
4269	$36127768^{65536} + 1$	495311	L4729	18	Generalized Fermat
4270	$36037446^{65536} + 1$	495240	L4751	18	Generalized Fermat
4271	$72532 \cdot 5^{708453} - 1$	495193	p341	12	
4272	$35753376^{65536} + 1$	495015	L4550	18	Generalized Fermat
4273	$35648406^{65536} + 1$	494931	L4745	18	Generalized Fermat
4274	$35599734^{65536} + 1$	494892	L4742	18	Generalized Fermat
4275	$35534500^{65536} + 1$	494840	L4758	18	Generalized Fermat
4276	$35458620^{65536} + 1$	494779	L4773	18	Generalized Fermat
4277	$35419084^{65536} + 1$	494747	L4772	18	Generalized Fermat
4278	$81 \cdot 2^{1643428} + 1$	494724	g418	09	Generalized Fermat
4279	$771 \cdot 2^{1643321} + 1$	494692	L1741	12	
4280	$35255372^{65536} + 1$	494615	L4745	18	Generalized Fermat
4281	$933 \cdot 2^{1642574} + 1$	494468	L2826	12	
4282	$34904540^{65536} + 1$	494331	L4726	18	Generalized Fermat
4283	$137 \cdot 926^{166603} + 1$	494249	L4944	20	
4284	$34640098^{65536} + 1$	494114	L4697	18	Generalized Fermat
4285	$34575414^{65536} + 1$	494061	L4767	18	Generalized Fermat
4286	$1101 \cdot 2^{1641145} - 1$	494037	L1828	14	
4287	$34503816^{65536} + 1$	494002	L4525	18	Generalized Fermat
4288	$34397974^{65536} + 1$	493915	L4245	18	Generalized Fermat
4289	$1035092 \cdot 3^{1035092} - 1$	493871	L3544	13	Generalized Woodall
4290	$34327650^{65536} + 1$	493856	L4622	18	Generalized Fermat
4291	$34197950^{65536} + 1$	493749	L4201	18	Generalized Fermat
4292	$2715 \cdot 2^{1640137} - 1$	493734	L2484	17	
4293	$33963124^{65536} + 1$	493553	L4765	18	Generalized Fermat
4294	$265 \cdot 2^{1639448} + 1$	493526	L2322	13	
4295	$315 \cdot 2^{1639432} - 1$	493521	L1827	11	
4296	$33910364^{65536} + 1$	493508	L4747	18	Generalized Fermat
4297	$4067 \cdot 2^{1639338} - 1$	493494	L1959	15	
4298	$33790428^{65536} + 1$	493408	L4758	18	Generalized Fermat
4299	$251048373 \cdot 2^{1638322} + 1$	493193	p221	09	
4300	$125522417 \cdot 2^{1638323} + 1$	493193	p221	09	
4301	$250171825 \cdot 2^{1638322} + 1$	493193	p221	09	
4302	$1000628481 \cdot 2^{1638320} + 1$	493193	p221	09	
4303	$33531480^{65536} + 1$	493189	L4526	18	Generalized Fermat
4304	$33468724^{65536} + 1$	493135	L4747	18	Generalized Fermat
4305	$4005 \cdot 2^{1638053} - 1$	493107	L1959	15	
4306	$33417368^{65536} + 1$	493092	L4760	18	Generalized Fermat
4307	$33406946^{65536} + 1$	493083	L4759	18	Generalized Fermat
4308	$33388034^{65536} + 1$	493067	L4201	18	Generalized Fermat
4309	$33255290^{65536} + 1$	492953	L4756	18	Generalized Fermat
4310	$531 \cdot 2^{1637465} + 1$	492929	L2322	12	

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4311	$33160366^{65536} + 1$	492872	L4755	18	Generalized Fermat
4312	$33112172^{65536} + 1$	492830	L4745	18	Generalized Fermat
4313	$2 \cdot 359^{192871} + 1$	492804	g424	14	Divides $\Phi(359^{192871}, 2)$
4314	$33075870^{65536} + 1$	492799	L4550	18	Generalized Fermat
4315	$33058194^{65536} + 1$	492784	L4745	18	Generalized Fermat
4316	$3015 \cdot 2^{1636840} + 1$	492742	L4824	21	
4317	$3537 \cdot 2^{1636827} + 1$	492738	L5213	21	
4318	$179 \cdot 2^{1636808} - 1$	492731	L2444	14	
4319	$6659 \cdot 2^{1636789} + 1$	492727	L1753	21	
4320	$32987968^{65536} + 1$	492723	L4753	18	Generalized Fermat
4321	$6463 \cdot 2^{1636618} + 1$	492675	L4448	21	
4322	$321671 \cdot 34^{321671} - 1$	492638	L4780	19	Generalized Woodall
4323	$3287 \cdot 2^{1636455} + 1$	492626	L2042	21	
4324	$5357 \cdot 2^{1636375} + 1$	492602	L4600	21	
4325	$2795 \cdot 2^{1636263} + 1$	492568	L1753	21	
4326	$7737 \cdot 2^{1636194} + 1$	492548	L2992	21	
4327	$3059 \cdot 2^{1636187} + 1$	492545	L1753	21	
4328	$32778852^{65536} + 1$	492542	L4751	18	Generalized Fermat
4329	$2325 \cdot 2^{1636069} + 1$	492510	L3972	21	
4330	$32697566^{65536} + 1$	492472	L4387	18	Generalized Fermat
4331	$32675102^{65536} + 1$	492452	L4747	18	Generalized Fermat
4332	$1213 \cdot 2^{1635872} + 1$	492450	L5190	21	
4333	$2489 \cdot 2^{1635869} + 1$	492450	L3166	21	
4334	$172 \cdot 107^{242649} - 1$	492431	L4944	21	
4335	$1135 \cdot 2^{1635787} - 1$	492425	L1828	14	
4336	$7567 \cdot 2^{1635632} + 1$	492379	L3760	21	
4337	$32574488^{65536} + 1$	492364	L4745	18	Generalized Fermat
4338	$1593 \cdot 2^{1635577} + 1$	492361	L3760	21	
4339	$3967 \cdot 2^{1635544} + 1$	492352	L2366	21	
4340	$765 \cdot 2^{1635531} + 1$	492347	L3035	12	
4341	$871 \cdot 2^{1635488} + 1$	492334	L3108	12	
4342	$32517922^{65536} + 1$	492315	L4745	18	Generalized Fermat
4343	$3655 \cdot 2^{1635340} + 1$	492290	L5135	21	
4344	$369 \cdot 2^{1635299} - 1$	492277	L1809	14	
4345	$4773 \cdot 2^{1635266} + 1$	492268	L5135	21	
4346	$9363 \cdot 2^{1635185} + 1$	492244	L3035	21	
4347	$169 \cdot 2^{1635086} + 1$	492213	L1130	13	Generalized Fermat
4348	$4 \cdot 303^{198357} - 1$	492213	L4881	20	
4349	$2167 \cdot 2^{1635062} + 1$	492207	L5135	21	
4350	$4145 \cdot 2^{1635016} - 1$	492193	L1959	14	
4351	$32370056^{65536} + 1$	492185	L4557	18	Generalized Fermat
4352	$9363 \cdot 2^{1634976} + 1$	492181	L5306	21	
4353	$277 \cdot 2^{1634878} + 1$	492150	L1300	13	
4354	$5187 \cdot 2^{1634842} + 1$	492141	L4824	21	
4355	$32235030^{65536} + 1$	492066	L4742	18	Generalized Fermat
4356	$1621 \cdot 2^{1634456} + 1$	492024	L5004	21	
4357	$32161210^{65536} + 1$	492001	L4741	18	Generalized Fermat
4358	$5109 \cdot 2^{1634279} + 1$	491971	L1753	21	

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4359	$1503 \cdot 2^{1634212} + 1$	491951	L5245	21	
4360	$7135 \cdot 2^{1634080} + 1$	491911	L5303	21	
4361	$32056116^{65536} + 1$	491908	L4544	18	Generalized Fermat
4362	$3739 \cdot 2^{1634058} + 1$	491905	L2594	21	
4363	$5793 \cdot 2^{1633981} + 1$	491882	L5141	21	
4364	$7015 \cdot 2^{1633950} + 1$	491872	L3278	21	
4365	$31988978^{65536} + 1$	491848	L4690	18	Generalized Fermat
4366	$971 \cdot 2^{1633735} + 1$	491807	L2735	12	
4367	$2931 \cdot 2^{1633627} + 1$	491775	L4970	21	
4368	$1541 \cdot 2^{1633611} + 1$	491770	L4901	21	
4369	$5325 \cdot 2^{1633609} + 1$	491770	L4824	21	
4370	$31887064^{65536} + 1$	491757	L4738	18	Generalized Fermat
4371	$645 \cdot 2^{1633521} + 1$	491742	L3035	12	
4372	$1371 \cdot 2^{1633376} + 1$	491699	L1199	21	
4373	$31812740^{65536} + 1$	491691	L4690	18	Generalized Fermat
4374	$7245 \cdot 2^{1633209} + 1$	491649	L4293	21	
4375	$9041 \cdot 2^{1633159} + 1$	491634	L5241	21	
4376	$5409 \cdot 2^{1633147} + 1$	491630	L2930	21	
4377	$31689074^{65536} + 1$	491580	L4737	18	Generalized Fermat
4378	$9699 \cdot 2^{1632951} + 1$	491572	L4815	21	
4379	$1185 \cdot 2^{1632895} + 1$	491554	L2989	12	
4380	$267 \cdot 2^{1632893} - 1$	491553	L1828	13	
4381	$31647504^{65536} + 1$	491543	L4736	18	Generalized Fermat
4382	$31613530^{65536} + 1$	491512	L4530	18	Generalized Fermat
4383	$539 \cdot 2^{1632705} + 1$	491496	L3237	12	
4384	$53 \cdot 2^{1632590} - 1$	491461	L2055	11	
4385	$31515202^{65536} + 1$	491424	L4734	18	Generalized Fermat
4386	$9359 \cdot 2^{1632433} + 1$	491416	L1188	21	
4387	$8657 \cdot 2^{1632399} + 1$	491406	L5293	21	
4388	$4935 \cdot 2^{1632395} + 1$	491404	L5292	21	
4389	$31492936^{65536} + 1$	491403	L4733	18	Generalized Fermat
4390	$5309 \cdot 2^{1632335} + 1$	491386	L4851	21	
4391	$4355 \cdot 2^{1632303} + 1$	491376	L5241	21	
4392	$675 \cdot 2^{1632285} + 1$	491370	L3260	12	
4393	$31448254^{65536} + 1$	491363	L4309	18	Generalized Fermat
4394	$937 \cdot 2^{1632080} + 1$	491309	L3221	12	
4395	$31380744^{65536} + 1$	491302	L4725	18	Generalized Fermat
4396	$213 \cdot 2^{1632054} - 1$	491300	L1863	14	
4397	$6693 \cdot 2^{1632032} + 1$	491295	L1444	21	
4398	$31342854^{65536} + 1$	491267	L4731	18	Generalized Fermat
4399	$2115 \cdot 2^{1631867} - 1$	491245	L1862	15	
4400	$2317 \cdot 2^{1631740} + 1$	491207	L5141	21	
4401	$5811 \cdot 2^{1631688} + 1$	491191	L4754	21	
4402	$4103 \cdot 2^{1631545} + 1$	491148	L3329	21	
4403	$5743 \cdot 2^{1631388} + 1$	491101	L4666	21	
4404	$31154730^{65536} + 1$	491096	L4201	18	Generalized Fermat
4405	$8595 \cdot 2^{1631362} + 1$	491093	L2521	21	
4406	$31125356^{65536} + 1$	491069	L4729	18	Generalized Fermat

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4407	$7271 \cdot 2^{1631169} + 1$	491035	L4754	21	
4408	$2829 \cdot 2^{1631093} + 1$	491012	L1753	21	
4409	$4635 \cdot 2^{1630911} + 1$	490957	L5190	21	
4410	$9067 \cdot 2^{1630894} + 1$	490952	L5291	21	
4411	$2973 \cdot 2^{1630861} + 1$	490942	L1675	21	
4412	$30946880^{65536} + 1$	490906	L4326	18	Generalized Fermat
4413	$4483 \cdot 2^{1630680} + 1$	490888	L4851	21	
4414	$5757 \cdot 2^{1630638} + 1$	490875	L3278	21	
4415	$4509 \cdot 2^{1630574} + 1$	490856	L3278	21	
4416	$30877996^{65536} + 1$	490842	L4726	18	Generalized Fermat
4417	$6029 \cdot 2^{1630487} + 1$	490830	L1444	21	
4418	$332750 \cdot 98304^{98304} - 1$	490796	L466	20	
4419	$30813412^{65536} + 1$	490783	L4201	18	Generalized Fermat
4420	$9995 \cdot 2^{1630321} + 1$	490780	L1745	21	
4421	$30799220^{65536} + 1$	490769	L4285	18	Generalized Fermat
4422	$6793 \cdot 2^{1630260} + 1$	490761	L4893	21	
4423	$7063 \cdot 2^{1630022} + 1$	490690	L4893	21	
4424	$2715 \cdot 2^{1629931} - 1$	490662	L2484	17	
4425	$2105 \cdot 2^{1629919} + 1$	490658	L4553	21	
4426	$8787 \cdot 2^{1629790} + 1$	490620	L1444	21	
4427	$8577 \cdot 2^{1629684} + 1$	490588	L4885	21	
4428	$4103 \cdot 2^{1629508} - 1$	490535	L1959	15	
4429	$1245 \cdot 2^{1629370} - 1$	490493	L1828	14	
4430	$321 \cdot 2^{1629307} + 1$	490473	L2981	13	
4431	$6035 \cdot 2^{1629277} + 1$	490466	L4754	21	
4432	$267 \cdot 2^{1629148} - 1$	490425	L1828	13	
4433	$3255 \cdot 2^{1629109} + 1$	490415	L4951	21	
4434	$555 \cdot 2^{1629059} + 1$	490399	L1741	12	
4435	$30376064^{65536} + 1$	490376	L4387	18	Generalized Fermat
4436	$5791 \cdot 2^{1628960} + 1$	490370	L4883	21	
4437	$3445 \cdot 2^{1628960} + 1$	490370	L4893	21	
4438	$8113 \cdot 2^{1628940} + 1$	490364	L2981	21	
4439	$9675 \cdot 2^{1628895} + 1$	490351	L5004	21	
4440	$30328508^{65536} + 1$	490331	L4726	18	Generalized Fermat
4441	$8367 \cdot 2^{1628746} + 1$	490306	L1209	21	
4442	$30250088^{65536} + 1$	490257	L4725	18	Generalized Fermat
4443	$907 \cdot 2^{1628548} + 1$	490245	L2826	12	
4444	$9895 \cdot 2^{1628528} + 1$	490240	L4754	21	
4445	$30216696^{65536} + 1$	490226	L4201	18	Generalized Fermat
4446	$7819 \cdot 2^{1628402} + 1$	490202	L5004	21	
4447	$69 \cdot 2^{1628378} + 1$	490193	L2507	11	
4448	$7663 \cdot 2^{1628362} + 1$	490190	L5100	21	
4449	$9031 \cdot 2^{1628320} + 1$	490178	L1209	21	
4450	$3751 \cdot 2^{1628276} + 1$	490164	L5066	21	
4451	$6975 \cdot 2^{1628169} + 1$	490132	L4990	21	
4452	$30101988^{65536} + 1$	490118	L4201	18	Generalized Fermat
4453	$30046920^{65536} + 1$	490066	L4720	18	Generalized Fermat
4454	$8481 \cdot 2^{1627576} + 1$	489954	L4851	21	

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4455	$1881 \cdot 2^{1627504} + 1$	489931	L5135	21	
4456	$113 \cdot 2^{1627496} - 1$	489928	L2484	11	
4457	$8207 \cdot 2^{1627463} + 1$	489920	L2724	21	
4458	$5707 \cdot 2^{1627440} + 1$	489913	L4851	21	
4459	$7331 \cdot 2^{1627435} + 1$	489911	L4815	21	
4460	$29863462^{65536} + 1$	489891	L4656	18	Generalized Fermat
4461	$8969 \cdot 2^{1627099} + 1$	489810	L4951	21	
4462	$4389 \cdot 2^{1626982} + 1$	489775	L4723	21	
4463	$29723118^{65536} + 1$	489757	L4530	18	Generalized Fermat
4464	$7437 \cdot 2^{1626674} + 1$	489682	L3181	21	
4465	$8409 \cdot 2^{1626578} + 1$	489653	L5004	21	
4466	$2115 \cdot 2^{1626565} - 1$	489649	L1862	15	
4467	$5499 \cdot 2^{1626526} + 1$	489637	L4901	21	
4468	$8015 \cdot 2^{1626491} + 1$	489627	L5136	21	
4469	$29585874^{65536} + 1$	489625	L4210	18	Generalized Fermat
4470	$1335 \cdot 2^{1626480} + 1$	489623	L4901	21	
4471	$2677 \cdot 2^{1626320} + 1$	489575	L4882	21	
4472	$63 \cdot 2^{1626259} - 1$	489555	L1828	11	
4473	$29509260^{65536} + 1$	489552	L4550	18	Generalized Fermat
4474	$29501096^{65536} + 1$	489544	L4722	18	Generalized Fermat
4475	$29500622^{65536} + 1$	489543	L4201	18	Generalized Fermat
4476	$1385 \cdot 2^{1626133} + 1$	489518	L1753	21	
4477	$7545 \cdot 2^{1626073} + 1$	489501	L2603	21	
4478	$7139 \cdot 2^{1626061} + 1$	489497	L4666	21	
4479	$1975 \cdot 2^{1626022} + 1$	489485	L4762	21	
4480	$1421 \cdot 2^{1625971} + 1$	489470	L4901	21	
4481	$63 \cdot 2^{1625970} + 1$	489468	L1135	11	
4482	$5215 \cdot 2^{1625772} + 1$	489410	L1444	21	
4483	$29350290^{65536} + 1$	489398	L4672	18	Generalized Fermat
4484	$29340732^{65536} + 1$	489389	L4550	18	Generalized Fermat
4485	$4043 \cdot 2^{1625677} + 1$	489382	L4723	21	
4486	$5245 \cdot 2^{1625674} + 1$	489381	L4761	21	
4487	$6487 \cdot 2^{1625646} + 1$	489373	L4754	21	
4488	$6969 \cdot 2^{1625482} + 1$	489323	L5141	21	
4489	$8343 \cdot 2^{1625453} + 1$	489315	L5048	21	
4490	$29247740^{65536} + 1$	489298	L4720	18	Generalized Fermat
4491	$2949 \cdot 2^{1625342} + 1$	489281	L2583	21	
4492	$29202654^{65536} + 1$	489254	L4285	18	Generalized Fermat
4493	$29097708^{65536} + 1$	489152	L4245	18	Generalized Fermat
4494	$7515 \cdot 2^{1624848} + 1$	489132	L4907	21	
4495	$5145 \cdot 2^{1624834} + 1$	489128	L2158	21	
4496	$975 \cdot 2^{1624794} + 1$	489115	L2085	12	
4497	$7923 \cdot 2^{1624784} + 1$	489113	L5247	21	
4498	$5529 \cdot 2^{1624777} + 1$	489111	L2158	21	
4499	$29048042^{65536} + 1$	489103	L4210	18	Generalized Fermat
4500	$8101 \cdot 2^{1624548} + 1$	489042	L4851	21	
4501	$7017 \cdot 2^{1624547} + 1$	489042	L5085	21	
4502	$6431 \cdot 2^{1624075} + 1$	488900	L1204	21	

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4503	$4171 \cdot 2^{1624040} + 1$	488889	L4951	21	
4504	$715 \cdot 2^{1624000} + 1$	488876	L3335	12	
4505	$897 \cdot 2^{1623927} + 1$	488854	L3173	12	
4506	$6 \cdot 10^{488852} + 1$	488853	L5009	19	
4507	$8585 \cdot 2^{1623903} + 1$	488848	L4732	21	
4508	$6219 \cdot 2^{1623869} + 1$	488838	L1209	21	
4509	$28768058^{65536} + 1$	488828	L4530	18	Generalized Fermat
4510	$6125 \cdot 2^{1623373} + 1$	488688	L5141	21	
4511	$6405 \cdot 2^{1623323} + 1$	488673	L4754	21	
4512	$28580718^{65536} + 1$	488642	L4709	17	Generalized Fermat
4513	$8319 \cdot 2^{1623114} + 1$	488610	L4723	21	
4514	$3663 \cdot 2^{1623096} + 1$	488605	L1204	21	
4515	$8055 \cdot 2^{1623049} + 1$	488591	L2583	21	
4516	$7303 \cdot 2^{1622974} + 1$	488568	L4979	21	
4517	$28487278^{65536} + 1$	488549	L4500	17	Generalized Fermat
4518	$1614 \cdot 151^{224194} - 1$	488517	L4444	18	
4519	$1107 \cdot 2^{1622806} - 1$	488517	L1828	14	
4520	$5249 \cdot 2^{1622773} + 1$	488508	L5004	21	
4521	$5567 \cdot 2^{1622671} + 1$	488477	L5004	21	
4522	$28413758^{65536} + 1$	488475	L4286	17	Generalized Fermat
4523	$3706 \cdot 24^{353908} + 1$	488472	L4806	19	
4524	$4029 \cdot 2^{1622519} + 1$	488431	L1204	21	
4525	$8523 \cdot 2^{1622500} + 1$	488426	L1204	21	
4526	$9541 \cdot 2^{1621972} + 1$	488267	L4754	21	
4527	$5061 \cdot 2^{1621968} + 1$	488265	L4732	21	
4528	$2679 \cdot 2^{1621905} + 1$	488246	L4754	21	
4529	$8035 \cdot 2^{1621894} + 1$	488243	L1444	21	
4530	$5521 \cdot 2^{1621836} + 1$	488226	L5062	21	
4531	$3641 \cdot 2^{1621811} + 1$	488218	L1209	21	
4532	$3641 \cdot 2^{1621791} + 1$	488212	L1204	21	
4533	$28099080^{65536} + 1$	488158	L4252	17	Generalized Fermat
4534	$4223 \cdot 2^{1621553} + 1$	488140	L5028	21	
4535	$651 \cdot 2^{1621489} + 1$	488120	L3141	12	
4536	$4537 \cdot 2^{1621442} + 1$	488107	L1567	21	
4537	$4755 \cdot 2^{1621410} + 1$	488097	L5038	21	
4538	$28027008^{65536} + 1$	488085	L4705	17	Generalized Fermat
4539	$2161 \cdot 2^{1621252} + 1$	488049	L5004	21	
4540	$939 \cdot 2^{1621215} + 1$	488038	L3312	12	
4541	$1179 \cdot 2^{1621053} - 1$	487989	L1828	14	
4542	$65716 \cdot 1027^{162025} + 1$	487955	L4001	18	
4543	$2811 \cdot 2^{1620773} + 1$	487905	L4901	21	
4544	$225 \cdot 2^{1620601} - 1$	487852	L2074	13	
4545	$8643 \cdot 2^{1620538} + 1$	487835	L5141	21	
4546	$27768276^{65536} + 1$	487821	L4701	17	Generalized Fermat
4547	$3147 \cdot 2^{1620488} - 1$	487819	L4036	15	
4548	$9071 \cdot 2^{1620481} + 1$	487818	L4364	21	
4549	$27738902^{65536} + 1$	487791	L4295	17	Generalized Fermat
4550	$3241 \cdot 2^{1620296} + 1$	487762	L4754	21	

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4551	$27678634^{65536} + 1$	487729	L4249	17	Generalized Fermat
4552	$27639120^{65536} + 1$	487688	L4252	17	Generalized Fermat
4553	$27625562^{65536} + 1$	487674	L4697	17	Generalized Fermat
4554	$5137 \cdot 2^{1619936} + 1$	487654	L2103	21	
4555	$8365 \cdot 2^{1619902} + 1$	487644	L1444	21	
4556	$6809 \cdot 2^{1619793} + 1$	487611	L2973	21	
4557	$5097 \cdot 2^{1619771} + 1$	487604	L1567	21	
4558	$27548300^{65536} + 1$	487595	L4693	17	Generalized Fermat
4559	$2471 \cdot 2^{1619499} + 1$	487522	L2158	21	
4560	$27441534^{65536} + 1$	487484	L4649	17	Generalized Fermat
4561	$7255 \cdot 2^{1619352} + 1$	487478	L4148	21	
4562	$8653 \cdot 2^{1619156} + 1$	487419	L5258	21	
4563	$27372028^{65536} + 1$	487412	L4649	17	Generalized Fermat
4564	$4293 \cdot 2^{1619014} + 1$	487376	L5073	21	
4565	$913 \cdot 2^{1619004} + 1$	487372	L3167	12	
4566	$27326204^{65536} + 1$	487364	L4649	17	Generalized Fermat
4567	$8169 \cdot 2^{1618959} + 1$	487360	L4951	21	
4568	$12799 \cdot 24^{353083} + 1$	487334	L4806	19	
4569	$269 \cdot 2^{1618877} + 1$	487333	L1741	13	
4570	$3975 \cdot 2^{1618778} + 1$	487305	L4951	21	
4571	$183 \cdot 2^{1618775} - 1$	487303	L384	14	
4572	$27264470^{65536} + 1$	487300	L4286	17	Generalized Fermat
4573	$1869 \cdot 2^{1618735} + 1$	487292	L5257	21	
4574	$27243670^{65536} + 1$	487278	L4286	17	Generalized Fermat
4575	$7571 \cdot 2^{1618535} + 1$	487232	L5004	21	
4576	$117 \cdot 2^{1618434} - 1$	487200	L384	14	
4577	$9387 \cdot 2^{1618427} + 1$	487200	L1188	21	
4578	$7151 \cdot 2^{1618379} + 1$	487185	L4951	21	
4579	$2 \cdot 626^{174203} + 1$	487172	L1471	11	
4580	$2079 \cdot 2^{1618185} + 1$	487126	L4754	21	
4581	$4283 \cdot 2^{1618145} + 1$	487114	L5141	21	
4582	$6933 \cdot 2^{1617900} + 1$	487041	L1174	21	
4583	$1082 \cdot 117^{235482} + 1$	487024	p376	15	
4584	$2211 \cdot 2^{1617811} + 1$	487013	L5073	21	
4585	$26987486^{65536} + 1$	487009	L4672	17	Generalized Fermat
4586	$3993 \cdot 2^{1617768} + 1$	487001	L1444	21	
4587	$7837 \cdot 2^{1617742} + 1$	486993	L4951	21	
4588	$4041 \cdot 2^{1617699} - 1$	486980	L1959	15	
4589	$3763 \cdot 2^{1617674} + 1$	486972	L5144	21	
4590	$9225 \cdot 2^{1617577} + 1$	486944	L2981	21	
4591	$26916240^{65536} + 1$	486934	L4688	17	Generalized Fermat
4592	$6701 \cdot 2^{1617543} + 1$	486933	L1209	21	
4593	$26886748^{65536} + 1$	486903	L4686	17	Generalized Fermat
4594	$4915 \cdot 2^{1617116} + 1$	486805	L1204	21	
4595	$4065 \cdot 2^{1617021} + 1$	486776	L1444	21	
4596	$2951 \cdot 2^{1616771} + 1$	486701	L5247	21	
4597	$2081 \cdot 2^{1616739} + 1$	486691	L4951	21	
4598	$495 \cdot 2^{1616716} + 1$	486683	L2967	13	

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4599	$7525 \cdot 2^{1616710} + 1$	486683	L5241	21	
4600	$9027 \cdot 2^{1616666} + 1$	486669	L1479	21	
4601	$7845 \cdot 2^{1616659} + 1$	486667	L1444	21	
4602	$4893 \cdot 2^{1616600} + 1$	486649	L4951	21	
4603	$7403 \cdot 2^{1616589} + 1$	486646	L4854	21	
4604	$2483 \cdot 2^{1616589} + 1$	486646	L5245	21	
4605	$9115 \cdot 2^{1616540} + 1$	486631	L5244	21	
4606	$8189 \cdot 2^{1616387} + 1$	486585	L1444	21	
4607	$9801 \cdot 2^{1616377} + 1$	486582	L1444	21	
4608	$26578974^{65536} + 1$	486575	L4261	17	Generalized Fermat
4609	$3701 \cdot 2^{1616347} + 1$	486573	L5243	21	
4610	$6831 \cdot 2^{1616339} + 1$	486571	L2914	21	
4611	$825 \cdot 2^{1616204} + 1$	486529	L3014	12	
4612	$87 \cdot 2^{1616138} - 1$	486508	L1828	11	
4613	$1039 \cdot 2^{1616090} + 1$	486495	L3173	12	
4614	$1305 \cdot 2^{1616072} - 1$	486490	L1828	14	
4615	$26484668^{65536} + 1$	486474	L4684	17	Generalized Fermat
4616	$26477248^{65536} + 1$	486466	L4672	17	Generalized Fermat
4617	$9817 \cdot 2^{1615982} + 1$	486464	L5134	21	
4618	$6929 \cdot 2^{1615753} + 1$	486394	L4646	21	
4619	$1631 \cdot 2^{1615683} + 1$	486373	L4754	21	
4620	$357 \cdot 2^{1615655} + 1$	486364	L3422	13	
4621	$4121 \cdot 2^{1615478} - 1$	486311	L1959	14	
4622	$7317 \cdot 2^{1615455} + 1$	486305	L1444	21	
4623	$1887 \cdot 2^{1615431} + 1$	486297	L1444	21	
4624	$9723 \cdot 2^{1615372} + 1$	486280	L5241	21	
4625	$8775 \cdot 2^{1615371} + 1$	486280	L4087	21	
4626	$7889 \cdot 2^{1615329} + 1$	486267	L5031	21	
4627	$3861 \cdot 2^{1615300} + 1$	486258	L5240	21	
4628	$7155 \cdot 2^{1615105} + 1$	486199	L4893	21	
4629	$5217 \cdot 2^{1615028} + 1$	486176	L1745	21	
4630	$6771 \cdot 2^{1614965} + 1$	486157	L4878	21	
4631	$5865 \cdot 2^{1614827} + 1$	486116	L1745	21	
4632	$9209 \cdot 2^{1614409} + 1$	485990	L5224	21	
4633	$2475 \cdot 2^{1614299} + 1$	485956	L5141	21	
4634	$2025 \cdot 2^{1614230} + 1$	485935	L5004	21	Generalized Fermat
4635	$25987186^{65536} + 1$	485934	L4679	17	Generalized Fermat
4636	$25981818^{65536} + 1$	485928	L4595	17	Generalized Fermat
4637	$6541 \cdot 2^{1614180} + 1$	485921	L5004	21	
4638	$25939926^{65536} + 1$	485882	L4678	17	Generalized Fermat
4639	$4035 \cdot 2^{1614047} + 1$	485881	L4893	21	
4640	$25894728^{65536} + 1$	485833	L4672	17	Generalized Fermat
4641	$25893048^{65536} + 1$	485831	L4672	17	Generalized Fermat
4642	$4395 \cdot 2^{1613771} + 1$	485798	L5141	21	
4643	$25815054^{65536} + 1$	485745	L4677	17	Generalized Fermat
4644	$9989 \cdot 2^{1613357} + 1$	485673	L4869	21	
4645	$8385 \cdot 2^{1613192} + 1$	485624	L5224	21	
4646	$2935 \cdot 2^{1613158} + 1$	485613	L4600	21	

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4647	$3085 \cdot 2^{1613148} + 1$	485610	L4600	21	
4648	$1533 \cdot 2^{1613132} + 1$	485605	L5004	21	
4649	$4559 \cdot 2^{1613065} + 1$	485585	L5004	21	
4650	$9101981 \cdot 2^{1612898} - 1$	485538	L1134	14	
4651	$4637 \cdot 2^{1612751} + 1$	485491	L5219	21	
4652	$4749 \cdot 2^{1612703} + 1$	485476	L3166	21	
4653	$39 \cdot 2^{1612681} + 1$	485467	L1379	11	
4654	$8073 \cdot 2^{1612622} + 1$	485452	L4878	21	
4655	$231 \cdot 2^{1612617} - 1$	485449	L1862	15	
4656	$5789 \cdot 2^{1612583} + 1$	485440	L5187	21	
4657	$3781 \cdot 2^{1612468} + 1$	485405	L4063	20	
4658	$5041 \cdot 2^{1612440} + 1$	485397	L1129	20	Generalized Fermat
4659	$6225 \cdot 2^{1612428} + 1$	485393	L5212	20	
4660	$9675 \cdot 2^{1612273} + 1$	485347	L5213	20	
4661	$4809 \cdot 2^{1612173} + 1$	485317	L1122	20	
4662	$1257 \cdot 2^{1611983} + 1$	485259	L4087	20	
4663	$25369696^{65536} + 1$	485250	L4672	17	Generalized Fermat
4664	$25355170^{65536} + 1$	485233	L4672	17	Generalized Fermat
4665	$395 \cdot 2^{1611672} - 1$	485165	L1819	13	
4666	$25281714^{65536} + 1$	485151	L4550	17	Generalized Fermat
4667	$6037 \cdot 2^{1611554} + 1$	485130	L3091	20	
4668	$2847 \cdot 2^{1611463} + 1$	485103	L3035	20	
4669	$9223 \cdot 2^{1611446} + 1$	485098	L4600	20	
4670	$25226438^{65536} + 1$	485089	L4550	17	Generalized Fermat
4671	$5745 \cdot 2^{1611349} + 1$	485069	L1753	20	
4672	$6816 \cdot 46^{291720} + 1$	485064	L4944	19	
4673	$31 \cdot 2^{1611311} - 1$	485055	L330	10	
4674	$343464 \cdot 151^{222581} - 1$	485005	L4001	18	
4675	$5409 \cdot 2^{1611070} + 1$	484985	L5190	20	
4676	$2031 \cdot 2^{1611007} + 1$	484965	L3035	20	
4677	$2505 \cdot 2^{1610980} + 1$	484957	L4746	20	
4678	$8283 \cdot 2^{1610917} + 1$	484939	L5187	20	
4679	$5975 \cdot 2^{1610915} + 1$	484938	L5168	20	
4680	$8683 \cdot 2^{1610898} + 1$	484933	L4666	20	
4681	$25069382^{65536} + 1$	484911	L4476	17	Generalized Fermat
4682	$713 \cdot 2^{1610773} + 1$	484894	L3110	12	
4683	$5055 \cdot 2^{1610683} + 1$	484868	L5160	20	
4684	$4287 \cdot 2^{1610367} + 1$	484773	L5182	20	
4685	$8891 \cdot 2^{1610331} + 1$	484762	L3035	20	
4686	$5093 \cdot 2^{1610313} + 1$	484757	L4746	20	
4687	$3193 \cdot 2^{1610098} + 1$	484692	p168	16	
4688	$104 \cdot 3^{1015829} + 1$	484676	L4799	21	
4689	$24859030^{65536} + 1$	484671	L4660	17	Generalized Fermat
4690	$24813140^{65536} + 1$	484618	L4658	17	Generalized Fermat
4691	$133 \cdot 2^{1609799} - 1$	484600	L1959	14	
4692	$9765 \cdot 2^{1609749} + 1$	484587	L5004	20	
4693	$459 \cdot 2^{1609603} + 1$	484542	L2787	13	
4694	$24730888^{65536} + 1$	484524	L4655	17	Generalized Fermat

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4695	$24722142^{65536} + 1$	484514	L4654	17	Generalized Fermat
4696	$5211 \cdot 2^{1609476} + 1$	484505	L3035	20	
4697	$3277 \cdot 2^{1609432} + 1$	484491	L3658	20	
4698	$1017 \cdot 2^{1609428} - 1$	484490	L1828	14	
4699	$5515 \cdot 2^{1609268} + 1$	484442	L4600	20	
4700	$1503 \cdot 2^{1609209} + 1$	484424	L4746	20	
4701	$3597 \cdot 2^{1609094} + 1$	484390	L3035	20	
4702	$9573 \cdot 2^{1608968} + 1$	484352	L5170	20	
4703	$569 \cdot 2^{1608879} + 1$	484324	L333	12	
4704	$521 \cdot 2^{1608779} + 1$	484294	L2051	12	
4705	$24528070^{65536} + 1$	484289	L4645	17	Generalized Fermat
4706	$3457 \cdot 2^{1608760} + 1$	484289	L5164	20	
4707	$9723 \cdot 2^{1608724} + 1$	484279	L3760	20	
4708	$6507 \cdot 2^{1608723} + 1$	484278	L3760	20	
4709	$24510980^{65536} + 1$	484270	L4629	17	Generalized Fermat
4710	$1843 \cdot 2^{1608558} + 1$	484228	L3760	20	
4711	$4715 \cdot 2^{1608183} + 1$	484115	L5160	20	
4712	$24293444^{65536} + 1$	484016	L4629	17	Generalized Fermat
4713	$5517 \cdot 2^{1607808} + 1$	484003	L3760	20	
4714	$5013 \cdot 2^{1607769} + 1$	483991	L3760	20	
4715	$8605 \cdot 2^{1607716} + 1$	483975	L3760	20	
4716	$8367 \cdot 2^{1607600} + 1$	483940	L3760	20	
4717	$1041 \cdot 2^{1607579} - 1$	483933	L1828	14	
4718	$24220066^{65536} + 1$	483930	L4584	17	Generalized Fermat
4719	$6705 \cdot 2^{1607551} + 1$	483925	L3760	20	
4720	$24163706^{65536} + 1$	483864	L4623	17	Generalized Fermat
4721	$3925 \cdot 2^{1607200} + 1$	483820	L3910	20	
4722	$2379 \cdot 2^{1607066} + 1$	483779	L3760	20	
4723	$2413 \cdot 2^{1607026} + 1$	483767	L3760	20	
4724	$1371 \cdot 2^{1606867} + 1$	483719	L3760	20	
4725	$81 \cdot 2^{1606848} + 1$	483712	gt	07	Generalized Fermat
4726	$3705 \cdot 2^{1606841} + 1$	483711	L3760	20	
4727	$5427 \cdot 2^{1606806} + 1$	483701	L3760	20	
4728	$10005 \cdot 2^{1606698} - 1$	483669	L4405	18	
4729	$1291 \cdot 2^{1606629} - 1$	483647	L1828	14	
4730	$3675 \cdot 2^{1606571} + 1$	483630	L3760	20	
4731	$9975 \cdot 2^{1606527} + 1$	483617	L4746	20	
4732	$23947122^{65536} + 1$	483607	L4619	17	Generalized Fermat
4733	$5691 \cdot 2^{1606327} + 1$	483557	L3760	20	
4734	$465 \cdot 2^{1606272} + 1$	483539	L2826	13	
4735	$1113 \cdot 2^{1606260} - 1$	483536	L1828	14	
4736	$3901 \cdot 2^{1606220} + 1$	483524	L3760	20	
4737	$5461 \cdot 2^{1606172} + 1$	483510	L3760	20	
4738	$1109 \cdot 2^{1606173} + 1$	483510	L1935	12	
4739	$23864352^{65536} + 1$	483509	L4387	17	Generalized Fermat
4740	$331530 \cdot 151^{221876} - 1$	483469	L4001	18	
4741	$288 \cdot 706^{169692} + 1$	483422	p268	13	
4742	$1843 \cdot 2^{1605772} + 1$	483389	L3035	20	

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4743	$8055 \cdot 2^{1605748} + 1$	483383	L3760	20	
4744	$1957 \cdot 2^{1605678} + 1$	483361	L3760	20	
4745	$183 \cdot 2^{1605657} + 1$	483354	L2085	13	
4746	$3315 \cdot 2^{1605530} + 1$	483317	L3760	20	
4747	$5793 \cdot 2^{1605472} + 1$	483299	L3035	20	
4748	$5707 \cdot 2^{1605340} + 1$	483260	L5154	20	
4749	$23582210^{65536} + 1$	483170	L4613	17	Generalized Fermat
4750	$5787 \cdot 2^{1604934} + 1$	483138	L5153	20	
4751	$6867 \cdot 2^{1604794} + 1$	483095	L5004	20	
4752	$7179 \cdot 2^{1604681} + 1$	483061	L3035	20	
4753	$486 \cdot 187^{212627} + 1$	483058	p289	12	
4754	$320607 \cdot 2^{1604657} - 1$	483056	g337	18	
4755	$16778 \cdot 745^{168179} - 1$	483041	L4189	16	
4756	$3281 \cdot 2^{1604605} + 1$	483038	L3760	20	
4757	$6531 \cdot 2^{1604480} + 1$	483001	L3760	20	
4758	$48 \cdot 580^{174782} - 1$	483000	p355	13	
4759	$1285 \cdot 2^{1604250} + 1$	482931	L3035	20	
4760	$471 \cdot 2^{1604233} - 1$	482925	L5184	20	
4761	$2868 \cdot 187^{212559} - 1$	482904	L5112	20	
4762	$9797 \cdot 2^{1604123} + 1$	482894	L3760	20	
4763	$1961 \cdot 2^{1604081} + 1$	482880	L4996	20	
4764	$3531 \cdot 2^{1604049} + 1$	482871	L3760	20	
4765	$264530 \cdot (9 \cdot 2^{1603956} - 1) + 1$	482846	p168	16	
4766	$9659 \cdot 2^{1603871} + 1$	482818	L3760	20	
4767	$4105 \cdot 2^{1603782} + 1$	482791	L2042	20	
4768	$4369 \cdot 2^{1603642} + 1$	482748	L3760	20	
4769	$\text{Phi}(3, -81422^{49152})$	482746	L4142	16	Generalized unique
4770	$5231 \cdot 2^{1603609} + 1$	482739	L4063	20	
4771	$9225 \cdot 2^{1603469} + 1$	482697	L4746	20	
4772	$6251 \cdot 2^{1603305} + 1$	482647	L3760	20	
4773	$23138154^{65536} + 1$	482629	L4584	17	Generalized Fermat
4774	$6973 \cdot 2^{1603226} + 1$	482623	L3760	20	
4775	$23080390^{65536} + 1$	482558	L4599	17	Generalized Fermat
4776	$23077164^{65536} + 1$	482554	L4584	17	Generalized Fermat
4777	$3333 \cdot 2^{1602968} + 1$	482545	L3760	20	
4778	$5257 \cdot 2^{1602838} + 1$	482507	L5151	20	
4779	$6129 \cdot 2^{1602691} + 1$	482462	L3760	20	
4780	$1009 \cdot 2^{1602478} + 1$	482397	L1300	12	
4781	$7463 \cdot 2^{1602433} + 1$	482385	L3760	20	
4782	$106 \cdot 564^{175330} + 1$	482384	L4001	17	
4783	$8005 \cdot 2^{1602254} + 1$	482331	L3760	20	
4784	$22877386^{65536} + 1$	482307	L4595	17	Generalized Fermat
4785	$22872882^{65536} + 1$	482301	L4596	17	Generalized Fermat
4786	$6941 \cdot 2^{1602145} + 1$	482298	L5150	20	
4787	$22858812^{65536} + 1$	482283	L4594	17	Generalized Fermat
4788	$4691 \cdot 2^{1602049} + 1$	482269	L3760	20	
4789	$2 \cdot 3^{1010743} - 1$	482248	L426	11	
4790	$2837 \cdot 2^{1601979} + 1$	482248	L3760	20	

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4791	$2133 \cdot 2^{1601733} + 1$	482174	L5149	20	
4792	$3539 \cdot 2^{1601725} + 1$	482171	L3166	20	
4793	$993 \cdot 2^{1601704} - 1$	482164	L1817	21	
4794	$22740816^{65536} + 1$	482136	L4544	17	Generalized Fermat
4795	$22738600^{65536} + 1$	482133	L4589	17	Generalized Fermat
4796	$22696662^{65536} + 1$	482081	L4585	17	Generalized Fermat
4797	$7989 \cdot 2^{1601406} + 1$	482076	L3760	20	
4798	$893 \cdot 2^{1601408} - 1$	482075	L1817	21	
4799	$22684548^{65536} + 1$	482066	L4587	17	Generalized Fermat
4800	$5055 \cdot 2^{1601365} + 1$	482063	L3760	20	
4801	$22677562^{65536} + 1$	482057	L4587	17	Generalized Fermat
4802	$22672358^{65536} + 1$	482050	L4584	17	Generalized Fermat
4803	$4053 \cdot 2^{1601278} + 1$	482037	L4931	20	
4804	$4283 \cdot 2^{1601201} + 1$	482014	L5148	20	
4805	$9939 \cdot 2^{1601182} + 1$	482008	L5147	20	
4806	$22602162^{65536} + 1$	481962	L4581	17	Generalized Fermat
4807	$5089 \cdot 2^{1600946} + 1$	481937	L5134	20	
4808	$73187 \cdot 6^{619238} - 1$	481866	L4521	17	
4809	$3339 \cdot 2^{1600699} + 1$	481862	L3860	20	
4810	$3663 \cdot 2^{1600692} + 1$	481860	L3760	20	
4811	$5825 \cdot 2^{1600651} + 1$	481848	L2823	20	
4812	$5275 \cdot 2^{1600632} + 1$	481842	L3035	20	
4813	$8115 \cdot 2^{1600618} + 1$	481838	L2413	20	
4814	$6419 \cdot 2^{1600599} + 1$	481833	L3760	20	
4815	$9399 \cdot 2^{1600590} + 1$	481830	L5134	20	
4816	$3651 \cdot 2^{1600572} + 1$	481824	L4169	20	
4817	$4645 \cdot 2^{1600536} + 1$	481814	L4063	20	
4818	$959 \cdot 2^{1600467} + 1$	481792	L1745	12	
4819	$1305 \cdot 2^{1600351} - 1$	481757	L1828	14	
4820	$4265 \cdot 2^{1600283} + 1$	481737	L5145	20	
4821	$1991 \cdot 2^{1600263} + 1$	481731	L1745	20	
4822	$8159 \cdot 2^{1600199} + 1$	481712	L3760	20	
4823	$22402670^{65536} + 1$	481710	L4559	17	Generalized Fermat
4824	$1073 \cdot 2^{1600077} + 1$	481675	L3110	12	
4825	$9867 \cdot 2^{1599563} + 1$	481521	L5141	20	
4826	$9547 \cdot 2^{1599542} + 1$	481515	L1823	20	
4827	$4161 \cdot 2^{1599503} + 1$	481503	L1204	20	
4828	$22230230^{65536} + 1$	481490	L4559	17	Generalized Fermat
4829	$22191882^{65536} + 1$	481441	L4559	17	Generalized Fermat
4830	$7545 \cdot 2^{1599269} + 1$	481432	L1204	20	
4831	$9937 \cdot 2^{1599196} + 1$	481410	L5142	20	
4832	$4011 \cdot 2^{1599078} - 1$	481375	L1959	15	
4833	$2375 \cdot 2^{1599063} + 1$	481370	L2125	20	
4834	$1853 \cdot 2^{1598977} + 1$	481344	L2125	20	
4835	$9951 \cdot 2^{1598959} + 1$	481339	L5140	20	
4836	$6557 \cdot 2^{1598959} + 1$	481339	L5085	20	
4837	$27 \cdot 220^{205486} + 1$	481337	L4345	16	
4838	$7995 \cdot 2^{1598925} + 1$	481329	L2413	20	

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4839	$1469 \cdot 2^{1598927} + 1$	481329	L5139	20	
4840	$22082900^{65536} + 1$	481301	L4559	17	Generalized Fermat
4841	$93 \cdot 872^{163674} - 1$	481289	L4453	16	
4842	$6301 \cdot 2^{1598464} + 1$	481190	L5138	20	
4843	$21990626^{65536} + 1$	481181	L4559	17	Generalized Fermat
4844	$21946386^{65536} + 1$	481124	L4559	17	Generalized Fermat
4845	$4123 \cdot 2^{1598194} + 1$	481108	L1204	20	
4846	$21928344^{65536} + 1$	481101	L4210	17	Generalized Fermat
4847	$2741 \cdot 2^{1598049} + 1$	481065	L2594	20	
4848	$335 \cdot 2^{1597932} - 1$	481028	L3844	14	
4849	$21844548^{65536} + 1$	480992	L4210	17	Generalized Fermat
4850	$158 \cdot 992^{160514} - 1$	480985	L4961	19	
4851	$9771 \cdot 2^{1597720} + 1$	480966	L4730	20	
4852	$2515 \cdot 2^{1597610} + 1$	480932	L5100	20	
4853	$1561 \cdot 2^{1597548} + 1$	480914	L3803	20	
4854	$555 \cdot 2^{1597517} + 1$	480904	L2366	12	
4855	$15 \cdot 2^{1597510} + 1$	480900	g279	06	
4856	$2741 \cdot 2^{1597335} + 1$	480850	L3760	20	
4857	$21697066^{65536} + 1$	480799	L4567	17	Generalized Fermat
4858	$5709 \cdot 2^{1597115} + 1$	480784	L1333	20	
4859	$1779 \cdot 2^{1597097} + 1$	480778	L5045	20	
4860	$305 \cdot 2^{1597089} + 1$	480775	L2520	13	
4861	$4145 \cdot 2^{1597081} + 1$	480773	L4364	20	
4862	$9737 \cdot 2^{1597079} + 1$	480773	L1188	20	
4863	$216290 \cdot 167^{216290} - 1$	480757	L2777	12	Generalized Woodall
4864	$2 \cdot 2018^{145464} - 1$	480748	L4961	19	
4865	$21632926^{65536} + 1$	480715	L4545	17	Generalized Fermat
4866	$8535 \cdot 2^{1596867} + 1$	480709	L2125	20	
4867	$4403 \cdot 2^{1596853} + 1$	480705	L5100	20	
4868	$3915 \cdot 2^{1596838} + 1$	480700	L2125	20	
4869	$235 \cdot 2^{1596836} + 1$	480698	L2085	13	
4870	$391 \cdot 2^{1596805} - 1$	480689	L3870	14	
4871	$1033 \cdot 2^{1596708} + 1$	480661	L3173	12	
4872	$8989 \cdot 2^{1596586} + 1$	480625	L4364	20	
4873	$135 \cdot 2^{1596454} + 1$	480583	L2532	13	
4874	$7953 \cdot 2^{1596361} + 1$	480557	L1209	20	
4875	$1151 \cdot 2^{1596226} - 1$	480515	L1828	14	
4876	$4767 \cdot 2^{1596171} + 1$	480500	L1204	20	
4877	$9461 \cdot 2^{1596123} + 1$	480485	L2125	20	
4878	$6625 \cdot 2^{1596056} + 1$	480465	L2981	20	
4879	$21438976^{65536} + 1$	480458	L4245	17	Generalized Fermat
4880	$5487 \cdot 2^{1595687} + 1$	480354	L1808	20	
4881	$3955 \cdot 2^{1595680} + 1$	480352	L4851	20	
4882	$21352892^{65536} + 1$	480344	L4563	17	Generalized Fermat
4883	$4669 \cdot 2^{1595598} + 1$	480327	L2125	20	
4884	$7545 \cdot 2^{1595501} + 1$	480298	L2086	20	
4885	$21298612^{65536} + 1$	480271	L4201	17	Generalized Fermat
4886	$659 \cdot 2^{1595363} + 1$	480255	L1935	12	

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4887	$9475 \cdot 2^{1595334} + 1$	480248	L1188	20	
4888	$315 \cdot 2^{1595314} + 1$	480240	L3397	13	
4889	$6863 \cdot 2^{1595297} + 1$	480237	L5055	20	
4890	$6759 \cdot 2^{1595218} + 1$	480213	L5031	20	
4891	$69 \cdot 2^{1595083} + 1$	480170	L2085	11	
4892	$21207594^{65536} + 1$	480149	L4549	17	Generalized Fermat
4893	$21123886^{65536} + 1$	480037	L4559	17	Generalized Fermat
4894	$8631 \cdot 2^{1594600} + 1$	480027	L4087	20	
4895	$5 \cdot 6^{616879} - 1$	480026	L4881	19	
4896	$1163 \cdot 2^{1594568} - 1$	480016	L1828	14	
4897	$9621 \cdot 2^{1594499} + 1$	479997	L5100	20	
4898	$595 \cdot 2^{1594415} - 1$	479970	L3994	20	
4899	$1113 \cdot 2^{1594402} + 1$	479966	L1300	12	
4900	$2279 \cdot 2^{1594351} + 1$	479951	L5136	20	
4901	$58753 \cdot 2^{1594323} - 1$	479944	p190	06	
4902	$6067 \cdot 2^{1594128} + 1$	479885	L5135	20	
4903	$21003082^{65536} + 1$	479874	L4557	17	Generalized Fermat
4904	$20958760^{65536} + 1$	479814	L4245	17	Generalized Fermat
4905	$555 \cdot 2^{1593788} + 1$	479781	L3035	12	
4906	$481 \cdot 2^{1593660} + 1$	479743	L1204	13	
4907	$6989 \cdot 2^{1593497} + 1$	479695	L5137	20	
4908	$1197 \cdot 2^{1593401} - 1$	479665	L1828	14	
4909	$5373 \cdot 2^{1593398} + 1$	479665	L4951	20	
4910	$6913 \cdot 2^{1593386} + 1$	479661	L2125	20	
4911	$427 \cdot 2^{1593361} - 1$	479653	L1819	19	
4912	$5541 \cdot 2^{1593356} + 1$	479652	L2981	20	
4913	$1147 \cdot 2^{1593256} + 1$	479621	L3035	12	
4914	$9843 \cdot 2^{1593228} + 1$	479614	L1823	20	
4915	$20794390^{65536} + 1$	479589	L4249	17	Generalized Fermat
4916	$4105 \cdot 2^{1593090} + 1$	479572	L1188	20	
4917	$7045 \cdot 2^{1593020} + 1$	479551	L2125	20	
4918	$8857 \cdot 2^{1593008} + 1$	479548	L5100	20	
4919	$1415 \cdot 2^{1593009} + 1$	479547	L1188	20	
4920	$7525 \cdot 2^{1592910} + 1$	479518	L1204	20	
4921	$1347 \cdot 2^{1592795} + 1$	479483	L5100	20	
4922	$737 \cdot 2^{1592724} - 1$	479461	L191	06	
4923	$8475 \cdot 2^{1592695} + 1$	479453	L5134	20	
4924	$4715 \cdot 2^{1592647} + 1$	479439	L2142	20	
4925	$20673706^{65536} + 1$	479424	L4245	17	Generalized Fermat
4926	$20670628^{65536} + 1$	479420	L4245	17	Generalized Fermat
4927	$79 \cdot 2^{1592422} + 1$	479369	L1885	11	
4928	$2619 \cdot 2^{1592310} + 1$	479337	L4851	20	
4929	$9193 \cdot 2^{1592256} + 1$	479321	L3593	20	
4930	$853 \cdot 2^{1592254} + 1$	479320	L3035	12	
4931	$4983 \cdot 2^{1592090} + 1$	479271	L4087	20	
4932	$110413 \cdot 2^{1591999} - 1$	479245	L111	05	
4933	$99 \cdot 2^{1591984} - 1$	479237	L282	09	
4934	$5979 \cdot 2^{1591939} + 1$	479226	L5062	20	

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4935	$4233 \cdot 28^{331135} + 1$	479209	p385	15	
4936	$2713 \cdot 2^{1591836} + 1$	479194	L4907	20	
4937	$315002 \cdot 151^{219911} - 1$	479187	L4001	18	
4938	$20495674^{65536} + 1$	479178	L4201	17	Generalized Fermat
4939	$5915 \cdot 2^{1591715} + 1$	479158	L1204	20	
4940	$9933 \cdot 2^{1591704} + 1$	479155	L5045	20	
4941	$555 \cdot 2^{1591677} - 1$	479146	L2017	19	
4942	$7581 \cdot 2^{1591643} + 1$	479137	L1823	20	
4943	$1653 \cdot 2^{1591444} + 1$	479076	L1188	20	
4944	$20417546^{65536} + 1$	479069	L4286	17	Generalized Fermat
4945	$20416586^{65536} + 1$	479068	L4308	17	Generalized Fermat
4946	$1179 \cdot 2^{1591362} + 1$	479051	g387	06	
4947	$875 \cdot 2^{1591229} + 1$	479011	L3221	12	
4948	$6799 \cdot 2^{1591194} + 1$	479001	L4851	20	
4949	$20368808^{65536} + 1$	479001	L4201	17	Generalized Fermat
4950	$20338906^{65536} + 1$	478959	L4245	17	Generalized Fermat
4951	$20338564^{65536} + 1$	478959	L4549	17	Generalized Fermat
4952	$1377 \cdot 2^{1591036} - 1$	478953	L1828	14	
4953	$2373 \cdot 2^{1590977} + 1$	478936	L1444	20	
4954	$20317650^{65536} + 1$	478929	L4252	17	Generalized Fermat
4955	$65623 \cdot 2^{1590940} + 1$	478926	L3886	14	
4956	$7287 \cdot 2^{1590918} + 1$	478918	L1209	20	
4957	$135 \cdot 2^{1590711} + 1$	478854	L1204	13	
4958	$169 \cdot 2^{1590665} - 1$	478841	L2074	14	
4959	$7137 \cdot 2^{1590535} + 1$	478803	L4830	20	
4960	$1227 \cdot 2^{1590433} - 1$	478772	L1828	14	
4961	$279 \cdot 2^{1590369} - 1$	478752	L1828	13	
4962	$1135 \cdot 2^{1590353} - 1$	478748	L1828	14	
4963	$427 \cdot 2^{1590349} - 1$	478746	L2017	19	
4964	$6129 \cdot 2^{1590270} + 1$	478723	L4762	20	
4965	$3133 \cdot 2^{1590150} + 1$	478687	L5100	20	
4966	$8591 \cdot 2^{1590081} + 1$	478667	L4375	20	
4967	$837 \cdot 2^{1590057} - 1$	478658	L1817	21	
4968	$20109598^{65536} + 1$	478636	L4550	17	Generalized Fermat
4969	$740 \cdot 383^{185249} + 1$	478538	L2012	14	
4970	$4647 \cdot 2^{1589572} + 1$	478513	L2125	20	
4971	$7709 \cdot 2^{1589355} + 1$	478448	L4375	20	
4972	$7837 \cdot 2^{1589340} + 1$	478443	L2125	20	
4973	$701 \cdot 48^{284564} + 1$	478424	L4444	19	
4974	$121 \cdot 2^{1589157} - 1$	478387	L65	05	
4975	$44 \cdot 872^{162680} - 1$	478365	L4453	16	
4976	$19916902^{65536} + 1$	478362	L4245	17	Generalized Fermat
4977	$1953 \cdot 2^{1588964} + 1$	478330	L1188	20	
4978	$2189 \cdot 2^{1588675} + 1$	478243	L5100	20	
4979	$19810832^{65536} + 1$	478210	L4549	17	Generalized Fermat
4980	$735 \cdot 2^{1588511} - 1$	478193	L1817	21	
4981	$1625 \cdot 2^{1588443} + 1$	478173	L3465	20	
4982	$2687 \cdot 2^{1588439} + 1$	478172	L3919	20	

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4983	$285 \cdot 2^{1588353} + 1$	478145	L1733	13	
4984	$2115 \cdot 2^{1588339} + 1$	478142	L1188	20	
4985	$2155 \cdot 2^{1588226} + 1$	478107	L1444	20	
4986	$9885 \cdot 2^{1588147} + 1$	478084	L2914	20	
4987	$6453 \cdot 2^{1588090} + 1$	478067	L5100	20	
4988	$5221 \cdot 2^{1588024} + 1$	478047	L1823	20	
4989	$33834 \cdot 151^{219386} - 1$	478042	L4001	18	
4990	$1825 \cdot 2^{1587934} + 1$	478020	L2142	20	
4991	$1281 \cdot 2^{1587882} - 1$	478004	L1828	14	
4992	$8417 \cdot 2^{1587815} + 1$	477984	L2125	20	
4993	$5271 \cdot 2^{1587785} + 1$	477975	L2125	20	
4994	$3933 \cdot 2^{1587464} + 1$	477878	L1188	20	
4995	$3611 \cdot 2^{1587425} + 1$	477867	L4979	20	
4996	$4005 \cdot 2^{1587347} + 1$	477843	L1823	20	
4997	$2675 \cdot 2^{1587299} + 1$	477829	L5062	20	
4998	$263 \cdot 2^{1587302} - 1$	477828	L2101	12	
4999	$7575 \cdot 2^{1587296} + 1$	477828	L3593	20	
5000	$3235 \cdot 2^{1587214} + 1$	477803	L1808	20	
5069	$1098133\# - 1$	476311	p346	12	Primorial
5092	$87 \cdot 2^{1580858} + 1$	475888	L2487	11	Divides $GF(1580856, 6)$
5172	$10^{474500} + 999 \cdot 10^{237249} + 1$	474501	p363	14	Palindrome
5273	$199388 \cdot 233^{199388} - 1$	472028	L4780	18	Generalized Woodall
5283	$103040! - 1$	471794	p301	10	Factorial
5462	$3803 \cdot 2^{1553013} + 1$	467508	L1957	20	Divides $GF(1553012, 5)$
5531	$95 \cdot 10^{466002} - 1$	466004	L3735	14	Near-repdigit
5578	$5 \cdot 10^{464843} - 1$	464844	p297	11	Near-repdigit
5593	$3555 \cdot 2^{1542813} - 4953427788675 \cdot 2^{1290000} - 1$	464437	p363	20	Arithmetic progression ($3, d = 3555 \cdot 2^{1542812} - 4953427788675 \cdot 2^{1290000}$)
5861	$341351 \cdot 22^{341351} - 1$	458243	p260	17	Generalized Woodall
5945	$135 \cdot 2^{1515894} + 1$	456332	L1129	13	Divides $GF(1515890, 10)$
5982	$2 \cdot 839^{155785} + 1$	455479	g424	14	Divides $Phi(839^{155785}, 2)$
6165	$13 \cdot 2^{1499876} + 1$	451509	g267	04	Divides $GF(1499875, 3)$
6246	$131 \cdot 2^{1494099} + 1$	449771	L2959	12	Divides Fermat $F(1494096)$
6280	$7 \cdot 2^{1491852} + 1$	449094	p166	05	Divides $GF(1491851, 6)$
6366	$1286 \cdot 3^{937499} + 1$	447304	L2777	12	Generalized Cullen
6426	$5 \cdot 10^{445773} - 1$	445774	p297	11	Near-repdigit
6537	$176660 \cdot 18^{353320} - 1$	443519	p325	11	Generalized Woodall
6623	$1467763 \cdot 2^{1467763} - 1$	441847	L381	07	Woodall
6927	$4125 \cdot 2^{1445206} - 2723880039837 \cdot 2^{1290000} - 1$	435054	p199	16	Arithmetic progression ($3, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$)
6928	$4125 \cdot 2^{1445205} - 1$	435054	L1959	14	Arithmetic progression ($2, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]
7189	$94550! - 1$	429390	p290	10	Factorial
7293	$15 \cdot 2^{1418605} + 1$	427044	g279	06	Divides $GF(1418600, 5)$, $GF(1418601, 6)$

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7353	$2415 \cdot 2^{1413628} - 1489088842587 \cdot 2^{1290000} - 1$	425548	p199	17	Arithmetic progression ($3, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$)
7354	$2415 \cdot 2^{1413627} - 1$	425548	L1959	14	Arithmetic progression ($2, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$) [p199]
7481	$2985 \cdot 2^{1404275} - 770527213395 \cdot 2^{1290000} - 1$	422733	p199	17	Arithmetic progression ($3, d = 2985 \cdot 2^{1404274} - 770527213395 \cdot 2^{1290000}$)
7482	$2985 \cdot 2^{1404274} - 1$	422733	L1959	14	Arithmetic progression ($2, d = 2985 \cdot 2^{1404274} - 770527213395 \cdot 2^{1290000}$) [p199]
7575	$2^{1398269} - 1$	420921	G1	96	Mersenne 35
7645	$999999998 \cdot 10^{419343} - 1$	419352	L1958	19	Near-repdigit
7706	$182402 \cdot 14^{364804} - 1$	418118	p325	11	Generalized Woodall
7715	$17 \cdot 2^{1388355} + 1$	417938	g267	05	Divides $GF(1388354, 10)$
7726	$249798 \cdot 47^{249798} - 1$	417693	L4780	18	Generalized Woodall
8242	$338707 \cdot 2^{1354830} + 1$	407850	L124	05	Cullen
8414	$11 \cdot 2^{1343347} + 1$	404389	p169	05	Divides $GF(1343346, 6)$
8515	$107 \cdot 2^{1337019} + 1$	402485	L2659	12	Divides $GF(1337018, 10)$
8540	$1389 \cdot 2^{1335434} + 1$	402009	L1209	15	Divides $GF(1335433, 10)$
8753	$5 \cdot 2^{1320487} + 1$	397507	g55	02	Divides $GF(1320486, 12)$
8785	$94189 \cdot 2^{1318646} + 1$	396957	L2777	13	Generalized Cullen
9111	$10^{390636} + 999 \cdot 10^{195317} + 1$	390637	p363	14	Palindrome
9234	$9422094211005 \cdot 2^{1290000} - 1$	388342	L3494	20	Arithmetic progression ($3, d = 2227792035315 \cdot 2^{1290001}$)
9235	$2618163402417 \cdot 2^{1290001} - 1$	388342	L927	16	Sophie Germain ($2p + 1$)
9236	$4966510140375 \cdot 2^{1290000} - 1$	388342	L3573	20	Arithmetic progression ($2, d = 2227792035315 \cdot 2^{1290001}$)
9840	$2996863034895 \cdot 2^{1290000} + 1$	388342	L2035	16	Twin ($p + 2$)
9841	$2996863034895 \cdot 2^{1290000} - 1$	388342	L2035	16	Twin (p)
10079	$2723880039837 \cdot 2^{1290000} - 1$	388342	L3829	16	Arithmetic progression ($1, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]
10172	$2618163402417 \cdot 2^{1290000} - 1$	388342	L927	16	Sophie Germain (p)
10664	$2060323099527 \cdot 2^{1290000} - 1$	388342	L3606	15	Arithmetic progression ($2, d = 69718264533 \cdot 2^{1290002}$) [p199]
10760	$1938662032575 \cdot 2^{1290000} - 1$	388341	L927	15	Arithmetic progression ($1, d = 10032831585 \cdot 2^{1290001}$) [p199]
10896	$1781450041395 \cdot 2^{1290000} - 1$	388341	L3203	15	Arithmetic progression ($1, d = 69718264533 \cdot 2^{1290002}$) [p199]
11152	$1489088842587 \cdot 2^{1290000} - 1$	388341	L2511	14	Arithmetic progression ($1, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$) [p199]
11398	$1188581180295 \cdot 2^{1290000} - 1$	388341	L3765	14	Arithmetic progression ($1, d = 160128309135 \cdot 2^{1290001}$) [L3494]
12452	$1957 \cdot 2^{1284992} + 1$	386825	L3913	14	Divides $GF(1284991, 6)$
12495	$5 \cdot 2^{1282755} + 1$	386149	g55	02	Divides $GF(1282754, 3)$, $GF(1282748, 5)$

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12582	$15 \cdot 2^{1276177} + 1$	384169	g279	06	Divides $GF(1276174, 3)$, $GF(1276174, 10)$
12686	$1268979 \cdot 2^{1268979} - 1$	382007	L201	07	Woodall
12869	$2^{1257787} - 1$	378632	SG	96	Mersenne 34
13032	$329 \cdot 2^{1246017} + 1$	375092	L2085	12	Divides Fermat $F(1246013)$
13210	$259738 \cdot 3^{779214} + 1$	371785	L2777	11	Generalized Cullen
13224	$531 \cdot 2^{1233440} + 1$	371306	L2803	11	Divides $GF(1233439, 5)$
13510	$843301\# - 1$	365851	p302	10	Primorial
13565	$25 \cdot 2^{1211488} + 1$	364696	g279	05	Generalized Fermat, divides $GF(1211487, 12)$
13683	$10^{362600} + 666 \cdot 10^{181299} + 1$	362601	p363	14	Palindrome
13690	$2^{1203793} - 2^{601897} + 1$	362378	L192	06	Gaussian Mersenne norm 37, generalized unique
13814	$1195203 \cdot 2^{1195203} - 1$	359799	L124	05	Woodall
14440	$5245 \cdot 2^{1153762} + 1$	347321	L1204	13	Divides $GF(1153761, 12)$
14456	$29 \cdot 2^{1152765} + 1$	347019	g300	05	Divides $GF(1152760, 10)$
14794	$33 \cdot 2^{1130884} + 1$	340432	L165	06	Divides $GF(1130881, 12)$
14811	$163 \cdot 2^{1129934} + 1$	340147	L1751	10	Divides $GF(1129933, 10)$
15321	$2145 \cdot 2^{1099064} + 1$	330855	L1792	13	Divides Fermat $F(1099061)$
15524	$93 \cdot 2^{1087202} + 1$	327283	L669	10	Divides $GF(1087199, 12)$
15949	[Long prime 15949]	320237	p44	14	Palindrome
15954	[Long prime 15954]	320097	p44	14	Palindrome
16179	$1491 \cdot 2^{1050764} + 1$	316315	L2826	13	Divides $GF(1050763, 10)$
16269	$10^{314727} - 8 \cdot 10^{157363} - 1$	314727	p235	13	Near-repdigit, palindrome
16471	$9539 \cdot 2^{1034437} + 1$	311401	L1502	13	Divides $GF(1034434, 10)$
17320	$2^{991961} - 2^{495981} + 1$	298611	x28	05	Gaussian Mersenne norm 36, generalized unique
17901	$10^{290253} - 2 \cdot 10^{145126} - 1$	290253	p235	12	Near-repdigit, Palindrome
17975	$11 \cdot 2^{960901} + 1$	289262	g277	05	Divides Fermat $F(960897)$
18414	$10^{283355} - 737 \cdot 10^{141676} - 1$	283355	p399	20	Palindrome
18977	$3 \cdot 2^{916773} + 1$	275977	g245	01	Divides $GF(916771, 3)$, $GF(916772, 10)$
19020	[Long prime 19020]	275495	p44	12	Palindrome
19198	$1705 \cdot 2^{906110} + 1$	272770	L3174	12	Divides Fermat $F(906108)$
19462	$10^{269479} - 7 \cdot 10^{134739} - 1$	269479	p235	12	Near-repdigit, Palindrome
20285	$2^{859433} - 1$	258716	SG	94	Mersenne 33
22967	$2^{756839} - 1$	227832	SG	92	Mersenne 32
23359	$10^{223663} - 454 \cdot 10^{111830} - 1$	223663	p363	16	Palindrome
23684	$10^{220285} - 949 \cdot 10^{110141} - 1$	220285	p363	16	Palindrome
23806	$10^{219113} - 535 \cdot 10^{109555} - 1$	219113	p363	16	Palindrome
24147	$10^{216091} - 7 \cdot (10^{37627} - 1)/9 \cdot 10^{89232} - 1$	216091	p413	20	Palindrome
24306	$10^{214575} - 20002 \cdot 10^{107285} - 1$	214575	p363	16	Palindrome
24316	$10^{214479} - 535 \cdot 10^{107238} - 1$	214479	p363	16	Palindrome
25014	[Long prime 25014]	208559	p44	14	Palindrome
25015	[Long prime 25015]	208553	p44	14	Palindrome
25022	[Long prime 25022]	208515	p44	14	Palindrome
25267	[Long prime 25267]	206579	p44	14	Palindrome
25790	$27 \cdot 2^{672007} + 1$	202296	g279	05	Divides Fermat $F(672005)$

rank	description	digits	who	year	comment
25989	$667071 \cdot 2^{667071} - 1$	200815	g55	00	Woodall
26012	$18543637900515 \cdot 2^{666668} - 1$	200701	L2429	12	Sophie Germain ($2p + 1$)
26112	$18543637900515 \cdot 2^{666667} - 1$	200701	L2429	12	Sophie Germain (p)
26113	$3756801695685 \cdot 2^{666669} + 1$	200700	L1921	11	Twin ($p + 2$)
26114	$3756801695685 \cdot 2^{666669} - 1$	200700	L1921	11	Twin (p)
30663	$659 \cdot 2^{617815} + 1$	185984	L732	09	Divides Fermat $F(617813)$
31939	$151 \cdot 2^{585044} + 1$	176118	L446	07	Divides Fermat $F(585042)$
32795	$392113\# + 1$	169966	p16	01	Primorial
34434	$366439\# + 1$	158936	p16	01	Primorial
36716	$481899 \cdot 2^{481899} + 1$	145072	gm	98	Cullen
37064	$34790! - 1$	142891	p85	02	Factorial
41243	$2^{364289} - 2^{182145} + 1$	109662	p58	01	Gaussian Mersenne norm 35, generalized unique
41377	$361275 \cdot 2^{361275} + 1$	108761	DS	98	Cullen
41544	$26951! + 1$	107707	p65	02	Factorial
43045	$65516468355 \cdot 2^{333333} + 1$	100355	L923	09	Twin ($p + 2$)
43046	$65516468355 \cdot 2^{333333} - 1$	100355	L923	09	Twin (p)
46794	$(7176^{24691} - 1)/7175$	95202	CH2	17	Generalized repunit
47916	$21480! - 1$	83727	p65	01	Factorial
48325	$183027 \cdot 2^{265441} - 1$	79911	L983	10	Sophie Germain ($2p + 1$)
48326	$183027 \cdot 2^{265440} - 1$	79911	L983	10	Sophie Germain (p)
48401	$262419 \cdot 2^{262419} + 1$	79002	DS	98	Cullen
48649	$3622179275715 \cdot 2^{256003} + 1$	77078	x47	20	Cunningham chain 2nd kind ($2p - 1$)
48650	$3622179275715 \cdot 2^{256002} + 1$	77077	x47	20	Cunningham chain 2nd kind (p)
48738	$648621027630345 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
48739	$620366307356565 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
48740	$648621027630345 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
48741	$620366307356565 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
48776	$2570606397 \cdot 2^{252763} + 1$	76099	p364	20	Cunningham chain 2nd kind ($2p - 1$)
48777	$2570606397 \cdot 2^{252762} + 1$	76099	p364	20	Cunningham chain 2nd kind (p)
49031	$(40734^{16111} - 1)/40733$	74267	CH2	15	Generalized repunit
49068	$(64758^{15373} - 1)/64757$	73960	p170	18	Generalized repunit
49241	$\text{prim}V(111534, 1, 27000)$	72683	x25	13	Generalized Lucas primitive part
49348	$(58729^{15091} - 1)/58728$	71962	CH2	17	Generalized repunit
49703	$2 \cdot 352666770^{8192} + 1$	70021	p409	20	Cunningham chain 2nd kind ($2p - 1$)
49704	$352666770^{8192} + 1$	70021	p411	20	Cunningham chain 2nd kind (p), generalized Fermat
50056	$(27987^{15313} - 1)/27986$	68092	CH13	20	Generalized repunit
50155	$(23340^{15439} - 1)/23339$	67435	p170	20	Generalized repunit
50233	$12770275971 \cdot 2^{222225} + 1$	66907	L527	17	Twin ($p + 2$)
50234	$12770275971 \cdot 2^{222225} - 1$	66907	L527	17	Twin (p)
50368	$(24741^{15073} - 1)/24740$	66218	p170	20	Generalized repunit
50440	$2 \cdot 103157148^{8192} + 1$	65647	p409	20	Cunningham chain 2nd kind ($2p - 1$)

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50441	$103157148^{8192} + 1$	65647	p410	20	Cunningham chain <i>2nd</i> kind (p), generalized Fermat
50836	$(63847^{13339} - 1)/63846$	64091	p170	13	Generalized repunit
50914	$556336461 \cdot 2^{211356} + 1$	63634	L3494	19	Cunningham chain <i>2nd</i> kind ($2p - 1$)
50915	$556336461 \cdot 2^{211355} + 1$	63633	L3494	19	Cunningham chain <i>2nd</i> kind (p)
50927	$1068669447 \cdot 2^{211089} - 1$	63554	L4166	20	Sophie Germain ($2p + 1$)
50928	$1068669447 \cdot 2^{211088} - 1$	63553	L4166	20	Sophie Germain (p)
50998	$145823\# + 1$	63142	p21	00	Primorial
51234	$U(15694, 1, 14700) + U(15694, 1, 14699)$	61674	x45	19	Lehmer number
51245	$(28507^{13831} - 1)/28506$	61612	CH13	20	Generalized repunit
51275	$2^{203789} + 2^{101895} + 1$	61347	O	00	Gaussian Mersenne norm 34, generalized unique
51533	$(26371^{13681} - 1)/26370$	60482	p170	12	Generalized repunit
51572	$U(24, -25, 43201)$	60391	CH12	20	Generalized Lucas number
52057	$99064503957 \cdot 2^{200009} - 1$	60220	L95	16	Sophie Germain ($2p + 1$)
52059	$99064503957 \cdot 2^{200008} - 1$	60220	L95	16	Sophie Germain (p)
52060	$70965694293 \cdot 2^{200006} + 1$	60219	L95	16	Twin ($p + 2$)
52061	$70965694293 \cdot 2^{200006} - 1$	60219	L95	16	Twin (p)
52076	$66444866235 \cdot 2^{200003} + 1$	60218	L95	16	Twin ($p + 2$)
52077	$66444866235 \cdot 2^{200003} - 1$	60218	L95	16	Twin (p)
52210	$(4529^{16381} - 1)/4528$	59886	CH2	12	Generalized repunit
52234	$4884940623 \cdot 2^{198800} + 1$	59855	L4166	15	Twin ($p + 2$)
52235	$4884940623 \cdot 2^{198800} - 1$	59855	L4166	15	Twin (p)
52298	$(9082^{15091} - 1)/9081$	59729	CH2	14	Generalized repunit
52575	$2003663613 \cdot 2^{195000} + 1$	58711	L202	07	Twin ($p + 2$)
52576	$2003663613 \cdot 2^{195000} - 1$	58711	L202	07	Twin (p)
52833	$primV(27655, 1, 19926)$	57566	x25	13	Generalized Lucas primitive part
53356	$(43326^{12041} - 1)/43325$	55827	p170	17	Generalized repunit
54493	$607095 \cdot 2^{176312} - 1$	53081	L983	09	Sophie Germain ($2p + 1$)
54494	$607095 \cdot 2^{176311} - 1$	53081	L983	09	Sophie Germain (p)
54645	$(38284^{11491} - 1)/38283$	52659	CH2	13	Generalized repunit
54846	$191547657 \cdot 2^{173372} + 1$	52199	L5116	20	Twin ($p + 2$)
54847	$191547657 \cdot 2^{173372} - 1$	52199	L5116	20	Twin (p)
54865	$38529154785 \cdot 2^{173250} + 1$	52165	L3494	14	Twin ($p + 2$)
54866	$38529154785 \cdot 2^{173250} - 1$	52165	L3494	14	Twin (p)
54996	$48047305725 \cdot 2^{172404} - 1$	51910	L99	07	Sophie Germain ($2p + 1$)
54997	$48047305725 \cdot 2^{172403} - 1$	51910	L99	07	Sophie Germain (p)
55095	$137211941292195 \cdot 2^{171961} - 1$	51780	x24	06	Sophie Germain ($2p + 1$)
55096	$194772106074315 \cdot 2^{171960} + 1$	51780	x24	07	Twin ($p + 2$)
55097	$194772106074315 \cdot 2^{171960} - 1$	51780	x24	07	Twin (p)
55098	$137211941292195 \cdot 2^{171960} - 1$	51780	x24	06	Sophie Germain (p)
55099	$100314512544015 \cdot 2^{171960} + 1$	51780	x24	06	Twin ($p + 2$)
55100	$100314512544015 \cdot 2^{171960} - 1$	51780	x24	06	Twin (p)
55101	$16869987339975 \cdot 2^{171960} + 1$	51779	x24	05	Twin ($p + 2$)
55102	$16869987339975 \cdot 2^{171960} - 1$	51779	x24	05	Twin (p)
55318	$(34120^{11311} - 1)/34119$	51269	CH2	11	Generalized repunit
55920	$33218925 \cdot 2^{169690} + 1$	51090	g259	02	Twin ($p + 2$)

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55921	$33218925 \cdot 2^{169690} - 1$	51090	g259	02	Twin (p)
56209	$U(809, 1, 17325) - U(809, 1, 17324)$	50378	x45	19	Lehmer number
56565	$(50091^{10357} - 1)/50090$	48671	p170	16	Generalized repunit
56656	$2^{160423} - 2^{80212} + 1$	48293	O	00	Gaussian Mersenne norm 33, generalized unique
56781	$U(67, -1, 26161)$	47773	x45	19	Generalized Lucas number
56783	$primV(40395, -1, 15588)$	47759	x23	07	Generalized Lucas primitive part
56788	$110427610 \cdot 3^{100003} + 1$	47722	p415	21	Twin ($p + 2$)
56789	$110427610 \cdot 3^{100003} - 1$	47722	p415	21	Twin (p)
56854	$primV(53394, -1, 15264)$	47200	CH4	07	Generalized Lucas primitive part
56910	$(44497^{10093} - 1)/44496$	46911	p170	16	Generalized repunit
56918	$3706785456 \cdot 13^{42069} + 1$	46873	p412	20	Twin ($p + 2$)
56919	$3706785456 \cdot 13^{42069} - 1$	46873	p412	20	Twin (p)
57065	$22835841624 \cdot 7^{54321} + 1$	45917	p296	10	Twin ($p + 2$)
57066	$22835841624 \cdot 7^{54321} - 1$	45917	p296	10	Twin (p)
57102	$1679081223 \cdot 2^{151618} + 1$	45651	L527	12	Twin ($p + 2$)
57103	$1679081223 \cdot 2^{151618} - 1$	45651	L527	12	Twin (p)
57107	$9606632571 \cdot 2^{151515} + 1$	45621	p282	14	Twin ($p + 2$)
57108	$9606632571 \cdot 2^{151515} - 1$	45621	p282	14	Twin (p)
57132	$151023 \cdot 2^{151023} - 1$	45468	g25	98	Woodall
57154	$773985 \cdot 2^{150559} + 1$	45329	L5115	21	Twin ($p + 2$)
57781	$(1852^{13477} - 1)/1851$	44035	p170	15	Generalized repunit
57837	$U(52245, 1, 9241) + U(52245, 1, 9240)$	43595	x45	19	Lehmer number
57881	$21195711 \cdot 2^{143631} - 1$	43245	L3494	19	Sophie Germain ($2p + 1$)
57882	$21195711 \cdot 2^{143630} - 1$	43245	L3494	19	Sophie Germain (p)
57886	$(42417^{9337} - 1)/42416$	43203	p170	15	Generalized repunit
57899	$838269645 \cdot 2^{143166} - 1$	43107	L3494	19	Sophie Germain ($2p + 1$)
57900	$838269645 \cdot 2^{143165} - 1$	43106	L3494	19	Sophie Germain (p)
57901	$570409245 \cdot 2^{143164} - 1$	43106	L3494	19	Sophie Germain ($2p + 1$)
57903	$570409245 \cdot 2^{143163} - 1$	43106	L3494	19	Sophie Germain (p)
57906	$2830598517 \cdot 2^{143113} - 1$	43091	L3494	19	Sophie Germain ($2p + 1$)
57907	$2830598517 \cdot 2^{143112} - 1$	43091	L3494	19	Sophie Germain (p)
57908	$4158932595 \cdot 2^{143074} - 1$	43080	L3494	19	Sophie Germain ($2p + 1$)
57909	$4158932595 \cdot 2^{143073} - 1$	43079	L3494	19	Sophie Germain (p)
57919	$71509 \cdot 2^{143019} - 1$	43058	g23	98	Woodall, arithmetic progression ($2, d = (143018 \cdot 2^{83969} - 80047) \cdot 2^{59049}$) [x12]
57939	$U(2449, -1, 12671)$	42939	x45	18	Generalized Lucas number, cyclotomy
57987	$(36210^{9319} - 1)/36209$	42480	p170	19	Generalized repunit
58025	$84966861 \cdot 2^{140219} - 1$	42219	L3121	12	Twin (p)
58033	$31737014565 \cdot 2^{140004} - 1$	42156	L95	10	Sophie Germain ($2p + 1$)
58034	$31737014565 \cdot 2^{140003} - 1$	42156	L95	10	Sophie Germain (p)
58035	$14962863771 \cdot 2^{140002} - 1$	42155	L95	10	Sophie Germain ($2p + 1$)
58040	$14962863771 \cdot 2^{140001} - 1$	42155	L95	10	Sophie Germain (p)
58364	$13375563435 \cdot 2^{137137} - 1$	41293	p364	18	Sophie Germain ($2p + 1$)
58365	$13375563435 \cdot 2^{137136} - 1$	41293	p364	18	Sophie Germain (p)
58822	$10429091973 \cdot 2^{135136} - 1$	40691	p364	18	Sophie Germain ($2p + 1$)

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58823	$10429091973 \cdot 2^{135135} - 1$	40690	p364	18	Sophie Germain (p)
59111	$73378515705 \cdot 2^{133148} - 1$	40093	L167	18	Sophie Germain ($2p + 1$)
59112	$73378515705 \cdot 2^{133147} - 1$	40093	L167	18	Sophie Germain (p)
59207	$p(1289844341)$	40000	c84	20	Partitions, ECPP
59260	$primV(4836, 1, 16704)$	39616	x25	13	Generalized Lucas primitive part
59550	$U(21041, -1, 9059)$	39159	x45	18	Generalized Lucas number, cyclotomy
60295	$U(5617, -1, 9539)$	35763	x45	19	Generalized Lucas number, cyclotomy
60413	$2^{116224} - 15905$	34987	c87	17	ECPP
60444	$(V(60145, 1, 7317) - 1)/(V(60145, 1, 27) - 1)$	34841	x45	19	Lehmer primitive part
60481	$primV(38513, -1, 11502)$	34668	x23	06	Generalized Lucas primitive part
60696	$primV(9008, 1, 16200)$	34168	x23	05	Generalized Lucas primitive part
60706	$(14665 \cdot 10^{34110} - 56641)/9999$	34111	c89	18	ECPP, Palindrome
60710	[Long prime 60710]	34093	c84	16	ECPP
60780	$(V(28138, 1, 7587) - 1)/(V(28138, 1, 27) - 1)$	33637	x45	19	Lehmer primitive part
60957	$U(35896, 1, 7260) + U(35896, 1, 7259)$	33066	x45	19	Lehmer number
60978	$primV(6586, 1, 16200)$	32993	x25	13	Generalized Lucas primitive part
61308	$U(1624, -1, 10169)$	32646	x45	18	Generalized Lucas number, cyclotomy
61368	$(V(48395, 1, 6921) - 1)/(V(48395, 1, 9) - 1)$	32382	x45	19	Lehmer primitive part
62307	$2^{106693} + 2^{53347} + 1$	32118	O	00	Gaussian Mersenne norm 32, generalized unique
62308	$primV(28875, 1, 13500)$	32116	x25	16	Generalized Lucas primitive part
62470	$(V(77786, 1, 6453) + 1)/(V(77786, 1, 27) + 1)$	31429	x25	12	Lehmer primitive part
62554	$primV(10987, 1, 14400)$	31034	x25	05	Generalized Lucas primitive part
62573	$V(148091)$	30950	c81	15	Lucas number, ECPP
62641	$(V(73570, 1, 6309) - 1)/(V(73570, 1, 9) - 1)$	30661	x25	16	Lehmer primitive part
62948	$49363 \cdot 2^{98727} - 1$	29725	Y	97	Woodall
62952	$U(2341, -1, 8819)$	29712	x25	08	Generalized Lucas number
64462	" - (331^{2128}) "	29492	c80	15	ECPP
64471	$primV(24127, -1, 6718)$	29433	CH3	05	Generalized Lucas primitive part
64472	$primV(12215, -1, 13500)$	29426	x25	16	Generalized Lucas primitive part
64502	$V(140057)$	29271	c76	14	Lucas number, ECPP
64588	$U(1404, -1, 9209)$	28981	CH10	18	Generalized Lucas number, cyclotomy
64596	$U(23396, 1, 6615) + U(23396, 1, 6614)$	28898	x45	19	Lehmer number
64656	$primV(45922, 1, 11520)$	28644	x25	11	Generalized Lucas primitive part
64668	$primV(205011)$	28552	x39	09	Lucas primitive part
64699	$U(16531, 1, 6721) - U(16531, 1, 6720)$	28347	x36	07	Lehmer number
64753	$(V(28286, 1, 6309) + 1)/(V(28286, 1, 9) + 1)$	28045	x25	16	Lehmer primitive part
64758	$U(5092, 1, 7561) + U(5092, 1, 7560)$	28025	x25	14	Lehmer number
64830	[Long prime 64830]	27630	c96	21	ECPP
64882	$90825 \cdot 2^{90825} + 1$	27347	Y	97	Cullen
64886	$U(5239, 1, 7350) - U(5239, 1, 7349)$	27333	CH10	17	Lehmer number

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65046	$\text{prim}V(5673, 1, 13500)$	27028	CH3	05	Generalized Lucas primitive part
65162	$\text{prim}V(44368, 1, 9504)$	26768	CH3	05	Generalized Lucas primitive part
65196	[Long prime 65196]	26709	c77	21	Irregular, ECPP
65224	" $\tau(157^{2206})$ "	26643	FE1	11	ECPP
65415	$\text{prim}V(10986, -1, 9756)$	26185	x23	05	Generalized Lucas primitive part
65486	$1043945909 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 7399459 \cdot 60013\#$)
65487	$1041073153 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10142823 \cdot 60013\#$)
65489	$1036053977 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10664254 \cdot 60013\#$)
65492	$1027676400 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 6813491 \cdot 60013\#$)
65494	$1025139165 \cdot 60013\# + 1$	25992	p115	19	Arithmetic progression ($4, d = 6205834 \cdot 60013\#$)
65536	$\text{prim}V(11076, -1, 12000)$	25885	x25	05	Generalized Lucas primitive part
65616	$2^{85237} + 2^{42619} + 1$	25659	x16	00	Gaussian Mersenne norm 31, generalized unique
65694	$\text{prim}V(17505, 1, 11250)$	25459	x25	11	Generalized Lucas primitive part
65696	$U(2325, -1, 7561)$	25451	x20	13	Generalized Lucas number
65728	$10^{25333} - 2 \cdot 10^{5182} - 3$	25333	c95	20	ECPP
65729	[Long prime 65729]	25331	c54	17	ECPP
65732	$U(13084, -13085, 6151)$	25319	x45	18	Generalized Lucas number, cyclotomy
65741	[Long prime 65741]	25291	c95	20	Mersenne cofactor, ECPP
65755	$\text{prim}V(42, -1, 23376)$	25249	x23	07	Generalized Lucas primitive part
65785	$U(1064, -1065, 8311)$	25158	CH10	18	Generalized Lucas number, cyclotomy
65792	$\text{prim}V(7577, -1, 10692)$	25140	x33	07	Generalized Lucas primitive part
65802	$(2^{83339} + 1)/3$	25088	c54	14	ECPP, generalized Lucas number, Wagstaff
65817	$6753^{5122} + 5122^{6753}$	25050	FE1	10	ECPP
65868	[Long prime 65868]	24938	c84	21	Mersenne cofactor, ECPP
65953	$U(1766, 1, 7561) - U(1766, 1, 7560)$	24548	x25	13	Lehmer number
66042	$\text{floor}((3/2)^{137752}) + 13566$	24257	c35	15	ECPP
66762	" $-\tau(691^{1522})$ "	23770	c65	14	ECPP
66769	$U(1383, 1, 7561) + U(1383, 1, 7560)$	23745	x25	13	Lehmer number
66771	[Long prime 66771]	23743	c94	21	Irregular, ECPP
66817	$6917! - 1$	23560	g1	98	Factorial
66831	$\text{prim}V(67, -1, 13081)/65419672274940815357$	23451	c84	19	ECPP
66871	$2^{77291} + 2^{38646} + 1$	23267	O	00	Gaussian Mersenne norm 30, generalized unique
66877	$(V(59936, 1, 4863)+1)/(V(59936, 1, 3)+1)$	23220	x25	13	Lehmer primitive part
66915	$U(1118, 1, 7561) - U(1118, 1, 7560)$	23047	x25	13	Lehmer number
67015	$(V(45366, 1, 4857)+1)/(V(45366, 1, 3)+1)$	22604	x25	13	Lehmer primitive part
67172	$U(104911)$	21925	c82	15	Fibonacci number, ECPP
67248	$U(19258, -1, 5039)$	21586	x23	07	Generalized Lucas number
67275	$6380! + 1$	21507	g1	98	Factorial

rank	description	digits	who	year	comment
67291	$U(43100, 1, 4620) + U(43100, 1, 4619)$	21407	x25	16	Lehmer number
67356	$-E(6658)/85079$	21257	c77	20	Euler irregular, ECPP
67358	$\text{Phi}(39855, -10)$	21248	c95	20	Unique, ECPP
67361	$(V(23354, 1, 4869) - 1)/(V(23354, 1, 9) - 1)$	21231	x25	13	Lehmer primitive part
67391	$U(15631, 1, 5040) - U(15631, 1, 5039)$	21134	x25	03	Lehmer number
67436	$U(35759, 1, 4620) + U(35759, 1, 4619)$	21033	x25	16	Lehmer number
67495	$U(31321, 1, 4620) - U(31321, 1, 4619)$	20767	x25	16	Lehmer number
67608	$U(11200, -1, 5039)$	20400	x25	04	Generalized Lucas number, cyclotomy
67675	$\text{Phi}(23749, -10)$	20160	c47	14	Unique, ECPP
67710	$U(22098, 1, 4620) + U(22098, 1, 4619)$	20067	x25	16	Lehmer number
67741	$1128330746865 \cdot 2^{66441} - 1$	20013	p158	20	Cunningham chain ($4p + 3$)
67742	$1128330746865 \cdot 2^{66440} - 1$	20013	p158	20	Cunningham chain ($2p + 1$)
67744	$1128330746865 \cdot 2^{66439} - 1$	20013	p158	20	Cunningham chain (p)
67762	$4111286921397 \cdot 2^{66420} + 5$	20008	c88	19	Triplet (3)
67763	$4111286921397 \cdot 2^{66420} + 1$	20008	L4808	19	Triplet (2)
67764	$4111286921397 \cdot 2^{66420} - 1$	20008	L4808	19	Triplet (1)
67771	$U(21412, 1, 4620) - U(21412, 1, 4619)$	20004	x25	16	Lehmer number
67842	$V(94823)$	19817	c73	14	Lucas number, ECPP
67847	$U(19361, 1, 4620) + U(19361, 1, 4619)$	19802	x25	16	Lehmer number
67851	$U(8454, -1, 5039)$	19785	x25	13	Generalized Lucas number
68918	$U(6584, -1, 5039)$	19238	x23	07	Generalized Lucas number
68943	$(2^{63703} - 1)/42808417$	19169	c59	14	Mersenne cofactor, ECPP
69078	$V(89849)$	18778	c70	14	Lucas number, ECPP
69093	$\text{prim}V(145353)$	18689	c69	13	ECPP, Lucas primitive part
69094	$\text{Phi}(14943, -100)$	18688	c47	14	Unique, ECPP
69205	$\text{Phi}(18827, 10)$	18480	c47	14	Unique, ECPP
69333	$42209\# + 1$	18241	p8	99	Primorial
69835	$(V(46662, 1, 3879) - 1)/(V(46662, 1, 9) - 1)$	18069	x25	12	Lehmer primitive part
69851	$V(86477)/1042112515940998434071039$	18049	c77	20	Lucas cofactor, ECPP
69875	$7457 \cdot 2^{59659} + 1$	17964	Y	97	Cullen
70070	$(2^{58199} - 1)/237604901713907577052391$	17497	c59	15	Mersenne cofactor, ECPP
70129	$\text{Phi}(26031, -10)$	17353	c47	14	Unique, ECPP
70140	$(V(561, 1, 6309) + 1)/(V(561, 1, 9) + 1)$	17319	x25	16	Lehmer primitive part
70157	$U(5768, -5769, 4591)$	17264	x45	18	Generalized Lucas number, cyclotomy
70177	$U(9657, 1, 4321) - U(9657, 1, 4320)$	17215	x23	05	Lehmer number
70203	[Long prime 70203]	17152	c59	15	Mersenne cofactor, ECPP
70228	$U(81839)$	17103	p54	01	Fibonacci number
70239	$V(81671)$	17069	c66	13	Lucas number, ECPP
70292	$\text{prim}V(86756)$	16920	c74	15	Lucas primitive part, ECPP
70309	$V(80761)/(23259169 \cdot 24510801979)$	16861	c77	20	Lucas cofactor, ECPP
70392	$6521953289619 \cdot 2^{55555} + 1$	16737	p296	13	Triplet (3)
70393	$6521953289619 \cdot 2^{55555} - 1$	16737	p296	13	Triplet (2)
70394	$6521953289619 \cdot 2^{55555} - 5$	16737	c58	13	Triplet (1), ECPP
70426	$\text{prim}V(122754)$	16653	c77	21	Lucas primitive part, ECPP
70439	$U(15823, 1, 3960) - U(15823, 1, 3959)$	16625	x25	02	Lehmer number, cyclotomy
70468	$p(221444161)$	16569	c77	17	Partitions, ECPP

rank	description	digits	who	year	comment
70504	$U(78919)/15574900936381642440917$	16471	c77	20	Fibonacci cofactor, ECPP
70545	$U(11091, -1, 4049)$	16375	CH3	05	Generalized Lucas number
70592	$(V(21151, 1, 3777) - 1)/(V(21151, 1, 3) - 1)$	16324	x25	11	Lehmer primitive part
70625	$primV(123573)$	16198	c77	19	Lucas primitive part, ECPP
70629	$U(2554, -1, 4751)$	16185	CH3	05	Generalized Lucas number
70647	$V(77417)/313991497376559420151$	16159	c77	20	Lucas cofactor, ECPP
70654	$U(1599, -1, 5039)$	16141	x23	07	Generalized Lucas number
70702	[Long prime 70702]	16008	c84	17	Mersenne cofactor, ECPP
70851	[Long prime 70851]	15954	c63	18	Euler irregular, ECPP
70868	$primV(121227)$	15890	c77	19	Lucas primitive part, ECPP
70929	$Phi(2949, -100000000)$	15713	c47	13	Unique, ECPP
70933	$primU(131481)$	15695	c77	19	Fibonacci primitive part, ECPP
70946	$primV(120258)$	15649	c77	19	Lucas primitive part, ECPP
71004	[Long prime 71004]	15537	x38	09	Lehmer primitive part
71031	[Long prime 71031]	15455	c77	18	Mersenne cofactor, ECPP
71084	$(V(824, 1, 5277) - 1)/(V(824, 1, 3) - 1)$	15379	x25	13	Lehmer primitive part
71086	$primB(183835)$	15368	c77	19	Lucas Aurifeuillian primitive part, ECPP
71101	$primU(77387)$	15319	c77	19	Fibonacci primitive part, ECPP
71201	$primB(181705)$	15189	c77	19	Lucas Aurifeuillian primitive part, ECPP
72042	$primV(76568)$	15034	c74	15	Lucas primitive part, ECPP
72047	$U(71983)/5614673/363946049$	15028	c77	18	Fibonacci cofactor, ECPP
72082	$primB(268665)$	14972	c77	19	Lucas Aurifeuillian primitive part, ECPP
72096	$(V(42995, 1, 3231) + 1)/(V(42995, 1, 9) + 1)$	14929	x25	12	Lehmer primitive part
72109	$primV(75316)$	14897	c74	15	Lucas primitive part, ECPP
72132	$Phi(5015, -10000)$	14848	c47	13	Unique, ECPP
72134	$primV(91322)$	14847	c74	16	Lucas primitive part, ECPP
72144	$2^{49207} - 2^{24604} + 1$	14813	x16	00	Gaussian Mersenne norm 29, generalized unique
72199	$primV(110676)$	14713	c74	16	Lucas primitive part, ECPP
72214	$(V(8003, 1, 3771) + 1)/(V(8003, 1, 9) + 1)$	14685	x25	13	Lehmer primitive part
72245	$primA(284895)$	14626	c77	19	Lucas Aurifeuillian primitive part, ECPP
72298	$U(69239)/1384781$	14464	c77	18	Fibonacci cofactor, ECPP
72311	$primV(112914)$	14446	c74	16	Lucas primitive part, ECPP
72490	$primA(170575)$	14258	c77	18	Lucas Aurifeuillian primitive part, ECPP
72500	$V(68213)/7290202116115634431$	14237	c77	18	Lucas cofactor, ECPP
72609	$(V(5111, 1, 3789) + 1)/(V(5111, 1, 9) + 1)$	14019	x25	13	Lehmer primitive part
72613	$(V(5763, 1, 3753) + 1)/(V(5763, 1, 27) + 1)$	14013	x25	11	Lehmer primitive part
72684	$primU(67703)$	13954	c77	18	Fibonacci primitive part, ECPP
72688	[Long prime 72688]	13951	c77	17	Fibonacci cofactor, ECPP
72766	$V(66533)/2128184670585621839884209100279$	13875	c77	18	Lucas cofactor, ECPP
72767	[Long prime 72767]	13862	c71	14	Irregular, ECPP
72772	[Long prime 72772]	13840	c63	18	Irregular, ECPP
72782	$(V(5132, 1, 3753) + 1)/(V(5132, 1, 27) + 1)$	13825	x25	11	Lehmer primitive part

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72803	$primV(82630)$	13814	c74	14	Lucas primitive part, ECPP
72855	$(V(4527, 1, 3771) + 1)/(V(4527, 1, 9) + 1)$	13754	x25	13	Lehmer primitive part
72954	$primB(163595)$	13675	c77	18	Lucas Aurifeuillian primitive part, ECPP
72976	[Long prime 72976]	13657	c64	13	Irregular, ECPP
73647	$1815615642825 \cdot 2^{44046} - 1$	13272	p395	16	Cunningham chain ($4p + 3$)
73649	$1815615642825 \cdot 2^{44045} - 1$	13272	p395	16	Cunningham chain ($2p + 1$)
73650	$1815615642825 \cdot 2^{44044} - 1$	13271	p395	16	Cunningham chain (p)
73773	$primU(94551)$	13174	c77	18	Fibonacci primitive part, ECPP
73979	$primB(242295)$	13014	c77	18	Lucas Aurifeuillian primitive part, ECPP
74101	$U(61813)/594517433/3761274442997$	12897	c77	18	Fibonacci cofactor, ECPP
74130	$(2^{42737} + 1)/3$	12865	M	07	ECPP, generalized Lucas number, Wagstaff
74200	$primU(62771)$	12791	c77	18	Fibonacci primitive part, ECPP
74245	$p(131328565)$	12758	c77	17	Partitions, ECPP
74270	$primA(154415)$	12728	c77	18	Lucas Aurifeuillian primitive part, ECPP
74290	$p(130249452)$	12705	c85	17	Partitions, ECPP
74292	$p(130243561)$	12705	c85	17	Partitions, ECPP
74293	$p(130242827)$	12705	c85	17	Partitions, ECPP
74294	$p(130232271)$	12705	c85	17	Partitions, ECPP
74297	$p(130201087)$	12703	c85	17	Partitions, ECPP
74299	$p(130168020)$	12701	c85	17	Partitions, ECPP
74300	$p(130142600)$	12700	c85	17	Partitions, ECPP
74301	$p(130123073)$	12699	c85	17	Partitions, ECPP
74303	$p(130086648)$	12697	c85	17	Partitions, ECPP
74304	$p(130085878)$	12697	c85	17	Partitions, ECPP
74305	$p(130060601)$	12696	c85	16	Partitions, ECPP
74311	$p(130000231)$	12693	c59	16	Partitions, ECPP
74463	$primA(263865)$	12570	c77	18	Lucas Aurifeuillian primitive part, ECPP
74508	[Long prime 74508]	12533	c63	13	Irregular, ECPP
74553	[Long prime 74553]	12495	c77	15	Mersenne cofactor, ECPP
74586	[Long prime 74586]	12459	c54	12	Mersenne cofactor, ECPP
74696	[Long prime 74696]	12395	c59	12	Mersenne cofactor, ECPP
74848	[Long prime 74848]	12337	c79	15	Fibonacci cofactor, ECPP
74862	$primV(73549)$	12324	c74	15	Lucas primitive part, ECPP
74880	$p(122110618)$	12302	c77	15	Partitions, ECPP
74949	$p(120052058)$	12198	c59	12	Partitions, ECPP
74950	$p(120037981)$	12197	c59	14	Partitions, ECPP
75517	$742478255901 \cdot 2^{40069} + 1$	12074	p395	16	Cunningham chain 2nd kind ($4p - 3$)
75520	$996824343 \cdot 2^{40074} + 1$	12073	p395	16	Cunningham chain 2nd kind ($4p - 3$)
75532	$primV(57724)$	12063	p54	01	Lucas primitive part, cyclotomy
75671	$664342014133 \cdot 2^{39840} + 1$	12005	p408	20	Consecutive primes arithmetic progression ($3, d = 30$)

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75672	$664342014133 \cdot 2^{39840} - 29$	12005	c93	20	Consecutive primes arithmetic progression ($2, d = 30$), ECPP
75673	$664342014133 \cdot 2^{39840} - 59$	12005	c93	20	Consecutive primes arithmetic progression ($1, d = 30$), ECPP
75842	$\text{prim}V(59018)$	11789	c74	15	Lucas primitive part, ECPP
75966	$V(56003)$	11704	p193	06	Lucas number
75967	$\text{prim}A(143705)$	11703	c77	17	Lucas Aurifeuillian primitive part, ECPP
75978	$p(110030755)$	11677	c59	14	Partitions, ECPP
76003	$\text{prim}V(77231)$	11637	c74	15	Lucas primitive part, ECPP
76004	$\text{prim}V(83481)$	11631	c74	15	Lucas primitive part, ECPP
76022	$\text{prim}U(73025)$	11587	c77	15	Fibonacci primitive part, ECPP
76023	$\text{prim}U(67781)$	11587	c77	15	Fibonacci primitive part, ECPP
76031	$\text{prim}V(64652)$	11577	c74	15	Lucas primitive part, ECPP
76038	$\text{prim}B(219165)$	11557	c77	15	Lucas Aurifeuillian primitive part, ECPP
76039	$\text{prim}V(56356)$	11557	c74	15	Lucas primitive part, ECPP
76095	$198429723072 \cdot 11^{11005} + 1$	11472	L3323	16	Cunningham chain 2nd kind ($4p - 3$)
76124	$U(54799)/4661437953906084533621577211561$	11422	c8	15	Fibonacci cofactor, ECPP
76179	$U(54521)/6403194135342743624071073$	11370	c8	15	Fibonacci cofactor, ECPP
76205	$\text{prim}U(67825)$	11336	x23	07	Fibonacci primitive part
76244	$3610! - 1$	11277	C	93	Factorial
76337	$p(100115477)$	11138	c59	16	Partitions, ECPP
76372	[Long prime 76372]	11075	c8	14	Fibonacci cofactor, ECPP
76381	$\text{prim}U(61733)$	11058	c77	15	Fibonacci primitive part, ECPP
76387	$14059969053 \cdot 2^{36672} + 1$	11050	p364	18	Triplet (3)
76388	$14059969053 \cdot 2^{36672} - 1$	11050	p364	18	Triplet (2)
76389	$14059969053 \cdot 2^{36672} - 5$	11050	c67	18	Triplet (1), ECPP
76395	$778965587811 \cdot 2^{36627} - 1$	11038	p395	16	Cunningham chain ($4p + 3$)
76396	$778965587811 \cdot 2^{36626} - 1$	11038	p395	16	Cunningham chain ($2p + 1$)
76397	$778965587811 \cdot 2^{36625} - 1$	11038	p395	16	Cunningham chain (p)
76399	$272879344275 \cdot 2^{36622} - 1$	11036	p395	16	Cunningham chain ($4p + 3$)
76400	$272879344275 \cdot 2^{36621} - 1$	11036	p395	16	Cunningham chain ($2p + 1$)
76401	$272879344275 \cdot 2^{36620} - 1$	11036	p395	16	Cunningham chain (p)
76404	$V(52859)/1124137922466041911$	11029	c8	14	Lucas cofactor, ECPP
76468	$3507! - 1$	10912	C	92	Factorial
76491	[Long prime 76491]	10857	c8	15	Lucas cofactor, ECPP
76505	[Long prime 76505]	10838	c8	15	Lucas cofactor, ECPP
76526	[Long prime 76526]	10789	c8	15	Lucas cofactor, ECPP
76539	[Long prime 76539]	10763	c64	13	Irregular, ECPP
76544	$3428602715439 \cdot 2^{35678} + 13$	10753	c93	20	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
76545	$3428602715439 \cdot 2^{35678} + 7$	10753	c93	20	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
76546	$3428602715439 \cdot 2^{35678} + 1$	10753	p408	20	Consecutive primes arithmetic progression ($1, d = 6$)
76572	$333645655005 \cdot 2^{35549} - 1$	10713	p364	15	Cunningham chain ($4p + 3$)

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76573	$333645655005 \cdot 2^{35548} - 1$	10713	p364	15	Cunningham chain ($2p + 1$)
76575	$333645655005 \cdot 2^{35547} - 1$	10713	p364	15	Cunningham chain (p)
76579	$V(51349)/224417260052884218046541$	10708	c8	14	Lucas cofactor, ECPP
76585	$V(51169)$	10694	p54	01	Lucas number
76604	$U(51031)/95846689435051369$	10648	c8	14	Fibonacci cofactor, ECPP
76613	$V(50989)/69818796119453411$	10640	c8	14	Lucas cofactor, ECPP
76628	$Phi(13285, -10)$	10625	c47	12	Unique, ECPP
76629	$U(50833)$	10624	CH4	05	Fibonacci number
76644	$2683143625525 \cdot 2^{35176} + 13$	10602	c92	19	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
76645	$2683143625525 \cdot 2^{35176} + 7$	10602	c92	19	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
76646	$2683143625525 \cdot 2^{35176} + 1$	10602	p407	19	Consecutive primes arithmetic progression ($1, d = 6$)
76665	[Long prime 76665]	10562	c77	15	Mersenne cofactor, ECPP
76677	$1213266377 \cdot 2^{35000} + 4859$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 2430$)
76678	$1213266377 \cdot 2^{35000} + 2429$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($2, d = 2430$)
76679	$1213266377 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($1, d = 2430$)
76680	$1043085905 \cdot 2^{35000} + 18197$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 18198$)
76681	$1043085905 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($2, d = 18198$)
76682	$1043085905 \cdot 2^{35000} - 18199$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($1, d = 18198$)
76755	$primU(55297)$	10483	c8	14	Fibonacci primitive part, ECPP
76772	$primA(219135)$	10462	c8	14	Lucas Aurifeuillian primitive part, ECPP
76796	$3221449497221499 \cdot 2^{34567} + 5$	10422	c58	15	Triplet (3), ECPP
76797	$3221449497221499 \cdot 2^{34567} + 1$	10422	p296	15	Triplet (2)
76798	$3221449497221499 \cdot 2^{34567} - 1$	10422	p296	15	Triplet (1)
76800	$1288726869465789 \cdot 2^{34567} + 1$	10421	p296	14	Triplet (3)
76801	$1288726869465789 \cdot 2^{34567} - 1$	10421	p296	14	Triplet (2)
76802	$1288726869465789 \cdot 2^{34567} - 5$	10421	c58	14	ECPP, Triplet (1)
76820	$24029\# + 1$	10387	C	93	Primorial
76827	$400791048 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 59874860 \cdot 24001\#$)
76828	$393142614 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 54840724 \cdot 24001\#$)
76834	$221488788 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 22703701 \cdot 24001\#$)
76837	$195262026 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 10601738 \cdot 24001\#$)
76839	$184591880 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 17881715 \cdot 24001\#$)
76871	$6 \cdot Bern(4306)/2153$	10342	FE8	09	Irregular, ECPP

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76890	$V(49391)/298414424560419239$	10305	c8	13	Lucas cofactor, ECPP
76908	$23801\# + 1$	10273	C	93	Primorial
77002	$667674063382677 \cdot 2^{33608} + 7$	10132	c88	19	Quadruplet (4), ECPP
77003	$667674063382677 \cdot 2^{33608} + 5$	10132	c88	19	Quadruplet (3), ECPP
77004	$667674063382677 \cdot 2^{33608} + 1$	10132	L4808	19	Quadruplet (2)
77005	$667674063382677 \cdot 2^{33608} - 1$	10132	L4808	19	Quadruplet (1)
77114	$\text{Phi}(427, -10^{28})$	10081	FE9	09	Unique, ECPP
77135	$9649755890145 \cdot 2^{33335} + 1$	10048	p364	15	Cunningham chain 2nd kind ($4p - 3$)
77361	$15162914750865 \cdot 2^{33219} + 1$	10014	p364	15	Cunningham chain 2nd kind ($4p - 3$)
77587	$32469 \cdot 2^{32469} + 1$	9779	MM	97	Cullen
77589	$(2^{32531} - 1)/(65063 \cdot 25225122959)$	9778	c60	12	Mersenne cofactor, ECPP
77612	[Long prime 77612]	9736	c90	18	Mersenne cofactor, ECPP
77616	$8073 \cdot 2^{32294} + 1$	9726	MM	97	Cullen
77694	$V(45953)/4561241750239$	9591	c56	12	Lucas cofactor, ECPP
77741	[Long prime 77741]	9516	c8	14	Euler irregular, ECPP
77751	$\text{Phi}(5161, -100)$	9505	c47	12	Unique, ECPP
77854	$\text{primA}(196035)$	9359	c8	14	Lucas Aurifeuillian primitive part, ECPP
77908	$V(44507)$	9302	CH3	05	Lucas number
78011	$V(43987)/175949$	9188	c8	14	Lucas cofactor, ECPP
78280	[Long prime 78280]	9010	c8	13	Fibonacci cofactor, ECPP
78351	$\text{primU}(44113)$	8916	c8	14	Fibonacci primitive part, ECPP
78352	[Long prime 78352]	8916	c8	14	Fibonacci cofactor, ECPP
78408	[Long prime 78408]	8835	c59	12	Mersenne cofactor, ECPP
78434	$\text{primA}(159165)$	8803	c8	13	Lucas Aurifeuillian primitive part, ECPP
78453	$U(42043)/1681721$	8780	c56	12	Fibonacci cofactor, ECPP
78536	$(2^{28771} - 1)/104726441$	8653	c56	12	Mersenne cofactor, ECPP
78539	$(2^{28759} - 1)/226160777$	8649	c60	12	Mersenne cofactor, ECPP
78627	$\text{Phi}(6105, -1000)$	8641	c47	10	Unique, ECPP
78811	$\text{Phi}(4667, -100)$	8593	c47	09	Unique, ECPP
78888	$U(40763)/643247084652261620737$	8498	c8	13	Fibonacci cofactor, ECPP
79008	$\text{primU}(46711)$	8367	c8	13	Fibonacci primitive part, ECPP
79085	$V(39769)/18139109172816581$	8295	c8	13	Lucas cofactor, ECPP
79092	$2^{27529} - 2^{13765} + 1$	8288	O	00	Gaussian Mersenne norm 28, generalized unique
79096	$\text{primB}(148605)$	8282	c8	13	Lucas Aurifeuillian primitive part, ECPP
79104	$V(39607)/158429$	8273	c46	11	Lucas cofactor, ECPP
79160	$\text{primB}(103645)$	8202	c8	13	Lucas Aurifeuillian primitive part, ECPP
79182	$\text{primU}(62373)$	8173	c8	13	Fibonacci primitive part, ECPP
79190	$\text{primB}(119945)$	8165	c8	13	Lucas Aurifeuillian primitive part, ECPP
79232	$\text{primB}(99835)$	8126	c8	13	Lucas Aurifeuillian primitive part, ECPP

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79266	$primB(96545)$	8070	c8	13	Lucas Aurifeuillian primitive part, ECPP
79275	[Long prime 79275]	8063	c55	11	Mersenne cofactor, ECPP
79344	$18523\# + 1$	8002	D	89	Primorial
79373	$primU(43121)$	7975	c8	13	Fibonacci primitive part, ECPP
79390	[Long prime 79390]	7945	c8	13	Irregular, ECPP
79417	[Long prime 79417]	7906	c39	12	Fibonacci cofactor, ECPP
79461	$U(37511)$	7839	x13	05	Fibonacci number
79492	$primB(145545)$	7824	c8	13	Lucas Aurifeuillian primitive part, ECPP
79514	$V(37357)/20210113386303842894568629$	7782	c8	13	Lucas cofactor, ECPP
79526	$U(37217)/4466041$	7771	c46	11	Fibonacci cofactor, ECPP
79538	$-E(2762)/2670541$	7760	c11	04	Euler irregular, ECPP
79564	[Long prime 79564]	7740	c86	17	Mersenne cofactor
79633	$V(36779)$	7687	CH3	05	Lucas number
80009	[Long prime 80009]	7551	c84	16	Mersenne cofactor, ECPP
80138	$U(35999)$	7523	p54	01	Fibonacci number, cyclotomy
80157	$Phi(4029, -1000)$	7488	c47	09	Unique, ECPP
80248	$V(35449)$	7409	p12	01	Lucas number
80382	$V(35107)/525110138418084707309$	7317	c8	13	Lucas cofactor, ECPP
80484	$U(34897)/4599458691503517435329$	7272	c8	13	Fibonacci cofactor, ECPP
80507	$V(34759)/27112021$	7257	c33	05	Lucas cofactor, ECPP
80601	[Long prime 80601]	7239	c8	13	Fibonacci cofactor, ECPP
80664	$U(34607)/13088506284255296513$	7213	c8	13	Fibonacci cofactor, ECPP
80701	$Phi(9455, -10)$	7200	c33	05	Unique, ECPP
80747	$Phi(1479, -100000000)$	7168	c47	09	Unique, ECPP
80807	[Long prime 80807]	7138	c63	16	Irregular, ECPP
81236	[Long prime 81236]	7053	c8	13	Fibonacci cofactor, ECPP
81256	$2154675239 \cdot 16301\# + 1$	7036	p155	18	Arithmetic progression ($6, d = 141836149 \cdot 16301\#$)
82037	$primU(48965)$	7012	c8	13	Fibonacci primitive part, ECPP
82136	[Long prime 82136]	6943	c63	16	Irregular ECPP
82140	$V(33353)/279902102741094707003083072429$	6941	c8	13	Lucas cofactor, ECPP
82160	$23005 \cdot 2^{23005} - 1$	6930	Y	97	Woodall
82173	$22971 \cdot 2^{22971} - 1$	6920	Y	97	Woodall
82193	$Phi(2405, -10000)$	6912	c47	09	Unique, ECPP
82263	$15877\# - 1$	6845	CD	92	Primorial
82268	$Phi(10887, 10)$	6841	c33	05	Unique, ECPP
82283	$primU(58773)$	6822	c8	13	Fibonacci primitive part, ECPP
82351	$primU(40295)$	6737	p12	01	Fibonacci primitive part
82452	[Long prime 82452]	6637	c8	13	Irregular, ECPP
82481	[Long prime 82481]	6622	c90	18	Mersenne cofactor
82747	$U(30757)$	6428	p54	01	Fibonacci number, cyclotomy
82956	$Phi(7357, -10)$	6301	c33	04	Unique, ECPP
83019	$Phi(6437, 10)$	6240	c47	08	Unique, ECPP
83208	$primU(43653)$	6082	CH7	10	Fibonacci primitive part
83527	$primU(70455)$	6019	c8	13	Fibonacci primitive part, ECPP
83533	$E(2220)/392431891068600713525$	6011	c8	13	Euler irregular, ECPP

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83625	$\text{prim}U(43359)$	5939	c8	13	Fibonacci primitive part, ECPP
83627	[Long prime 83627]	5938	c8	13	Euler irregular, ECPP
83758	$13649\# + 1$	5862	D	87	Primorial
83939	[Long prime 83939]	5701	c8	13	Irregular, ECPP
83952	$18885 \cdot 2^{18885} - 1$	5690	K	87	Woodall
84094	$1963! - 1$	5614	CD	92	Factorial
84099	$13033\# - 1$	5610	CD	92	Primorial
84134	$289 \cdot 2^{18502} + 1$	5573	K	84	Cullen, generalized Fermat
84351	$E(2028)/11246153954845684745$	5412	c55	11	Euler irregular, ECPP
84676	[Long prime 84676]	5354	c63	13	Irregular ECPP
84747	$U(25561)$	5342	p54	01	Fibonacci number
84883	[Long prime 84883]	5258	c8	13	Euler irregular, ECPP
85417	$33957462 \cdot \text{Bern}(2370)/40685$	5083	c11	03	Irregular, ECPP
86109	$4122429552750669 \cdot 2^{16567} + 7$	5003	c83	16	Quadruplet (4), ECPP
86110	$4122429552750669 \cdot 2^{16567} + 5$	5003	c83	16	Quadruplet (3), ECPP
86111	$4122429552750669 \cdot 2^{16567} + 1$	5003	L4342	16	Quadruplet (2)
86112	$4122429552750669 \cdot 2^{16567} - 1$	5003	L4342	16	Quadruplet (1)
86180	$11549\# + 1$	4951	D	86	Primorial
86694	[Long prime 86694]	4812	c4	11	Euler irregular, ECPP
86728	$7911 \cdot 2^{15823} - 1$	4768	K	87	Woodall
87125	$\text{Phi}(6685, -10)$	4560	c8	03	Unique, ECPP
87313	[Long prime 87313]	4498	c4	04	Euler irregular, ECPP
87374	$2^{14699} + 2^{7350} + 1$	4425	O	00	Gaussian Mersenne norm 27, generalized unique
87440	$(2^{14479} + 1)/3$	4359	c4	04	Generalized Lucas number, Wagstaff, ECPP
87696	$49325406476 \cdot 9811\# \cdot 8 + 1$	4234	p382	19	Cunningham chain 2nd kind ($8p - 7$)
87725	[Long prime 87725]	4200	c8	03	Irregular, ECPP
87890	$V(19469)$	4069	x25	02	Lucas number, cyclotomy, APR- CL assisted
87933	$1477! + 1$	4042	D	84	Factorial
88257	$-2730 \cdot \text{Bern}(1884)/100983617849$	3844	c8	03	Irregular, ECPP
88275	$2840178 \cdot \text{Bern}(1870)/85$	3821	c8	03	Irregular, ECPP
88363	[Long prime 88363]	3734	c8	03	Irregular, ECPP
88365	$12379 \cdot 2^{12379} - 1$	3731	K	84	Woodall
88366	$(2^{12391} + 1)/3$	3730	M	96	Generalized Lucas number, Wagstaff
88481	[Long prime 88481]	3682	c8	13	Euler irregular, ECPP
88489	[Long prime 88489]	3671	c4	03	Euler irregular, ECPP
88512	$642 \cdot \text{Bern}(1802)/15720728189$	3641	c8	03	Irregular, ECPP
88515	$101406820312263 \cdot 2^{12042} + 7$	3640	c67	18	Quadruplet (4)
88516	$101406820312263 \cdot 2^{12042} + 5$	3640	c67	18	Quadruplet (3)
88517	$101406820312263 \cdot 2^{12042} + 1$	3640	p364	18	Quadruplet (2)
88518	$101406820312263 \cdot 2^{12042} - 1$	3640	p364	18	Quadruplet (1)
88574	$2673092556681 \cdot 15^{3048} + 4$	3598	c67	15	Quadruplet (4)
88575	$2673092556681 \cdot 15^{3048} + 2$	3598	c67	15	Quadruplet (3)
88576	$2673092556681 \cdot 15^{3048} - 2$	3598	c67	15	Quadruplet (2)

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88577	$2673092556681 \cdot 15^{3048} - 4$	3598	c67	15	Quadruplet (1)
88744	$2339662057597 \cdot 10^{3490} + 9$	3503	c67	13	Quadruplet (4)
88745	$2339662057597 \cdot 10^{3490} + 7$	3503	c67	13	Quadruplet (3)
88746	$2339662057597 \cdot 10^{3490} + 3$	3503	c67	13	Quadruplet (2)
88747	$2339662057597 \cdot 10^{3490} + 1$	3503	p364	13	Quadruplet (1)
89587	$(2^{11279} + 1)/3$	3395	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
89714	$109766820328 \cdot 7877\# - 1$	3385	p395	16	Cunningham chain ($8p + 7$)
89836	$104052837 \cdot 7759\# - 1$	3343	p398	17	Arithmetic progression ($6, d = 12009836 \cdot 7759\#$)
89863	$2072453060816 \cdot 7699\# + 1$	3316	p364	19	Cunningham chain 2nd kind ($8p - 7$)
89935	$(2^{10691} + 1)/3$	3218	c4	04	Generalized Lucas number, Wagstaff, ECPP
89936	$231692481512 \cdot 7517\# - 1$	3218	p395	16	Cunningham chain ($8p + 7$)
89996	$(2^{10501} + 1)/3$	3161	M	96	Generalized Lucas number, Wagstaff
90113	$2^{10141} + 2^{5071} + 1$	3053	O	00	Gaussian Mersenne norm 26, generalized unique
90178	$121152729080 \cdot 7019\#/1729 + 19$	3025	c92	19	Consecutive primes arithmetic progression ($4, d = 6$), ECPP
90192	$62037039993 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90196	$50946848056 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90203	$26997933312 \cdot 7001\# + 7811555753$	3020	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90207	$25506692100 \cdot 7001\# + 7811555783$	3020	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90211	$V(14449)$	3020	DK	95	Lucas number
90215	$3124777373 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($7, d = 481789017 \cdot 7001\#$)
90216	$2996180304 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 46793757 \cdot 7001\#$)
90218	$2946259686 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 313558156 \cdot 7001\#$)
90219	$2915000572 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 3093612 \cdot 7001\#$)
90732	$U(14431)$	3016	p54	01	Fibonacci number
90872	$138281163736 \cdot 6977\# + 1$	3006	p395	16	Cunningham chain 2nd kind ($8p - 7$)
90974	$375967981369 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
90975	$354362289656 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
90976	$285993323512 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91111	$V(13963)$	2919	c11	02	Lucas number, ECPP
91169	$284787490256 \cdot 6701\# + 1$	2879	p364	15	Cunningham chain 2nd kind ($8p - 7$)
91181	$9531 \cdot 2^{9531} - 1$	2874	K	84	Woodall
91226	[Long prime 91226]	2829	c8	13	Euler irregular, ECPP

rank	description	digits	who	year	comment
91242	$6569\# - 1$	2811	D	92	Primorial
91378	[Long prime 91378]	2697	c77	15	Euler irregular, ECPP
91891	$-E(1078)/361898544439043$	2578	c4	02	Euler irregular, ECPP
92131	$V(12251)$	2561	p54	01	Lucas number
92883	$974! - 1$	2490	CD	92	Factorial
93364	$E(1028)/(6415 \cdot 56837916301577)$	2433	c4	02	Euler irregular, ECPP
93592	$E(1004)/(579851915 \cdot 80533376783)$	2364	c4	02	Euler irregular, ECPP
93829	$7755 \cdot 2^{7755} - 1$	2339	K	84	Woodall
94379	$772463767240 \cdot 5303\# + 1$	2272	p308	19	Cunningham chain 2nd kind ($8p - 7$)
94396	$116814018316 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d =$ $10892863626 \cdot 5303\#$)
94397	$116746086504 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d =$ $9726011684 \cdot 5303\#$)
94398	$116242725347 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d =$ $10388428124 \cdot 5303\#$)
94399	$115624080541 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d =$ $10462990078 \cdot 5303\#$)
96276	$69285767989 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($8, d =$ $3026809034 \cdot 5303\#$)
97740	$V(10691)$	2235	DK	95	Lucas number
98306	$872! + 1$	2188	D	83	Factorial
98322	[Long prime 98322]	2183	c63	20	Euler irregular, ECPP
99475	[Long prime 99475]	2069	c4	02	Euler irregular, ECPP
99630	$-E(886)/68689$	2051	c4	02	Euler irregular, ECPP
99740	$4787\# + 1$	2038	D	84	Primorial
99778	$566761969187 \cdot 4733\#/2 + 4$	2034	c67	20	Quintuplet (5)
99779	$566761969187 \cdot 4733\#/2 + 2$	2034	c67	20	Quintuplet (4)
99780	$566761969187 \cdot 4733\#/2 - 2$	2034	c67	20	Quintuplet (3)
99781	$566761969187 \cdot 4733\#/2 - 4$	2034	c67	20	Quintuplet (2)
99782	$566761969187 \cdot 4733\#/2 - 8$	2034	c67	20	Quintuplet (1)
100013	$U(9677)$	2023	c2	00	Fibonacci number, ECPP
101826	$126831252923413 \cdot 4657\#/273 + 13$	2002	c88	20	Quintuplet (5)
101827	$126831252923413 \cdot 4657\#/273 + 9$	2002	c88	20	Quintuplet (4)
101828	$126831252923413 \cdot 4657\#/273 + 7$	2002	c88	20	Quintuplet (3)
101829	$126831252923413 \cdot 4657\#/273 + 3$	2002	c88	20	Quintuplet (2)
101830	$126831252923413 \cdot 4657\#/273 + 1$	2002	c88	20	Quintuplet (1)
101854	$6611 \cdot 2^{6611} + 1$	1994	K	84	Cullen
101925	$4583\# - 1$	1953	D	92	Primorial
101947	$U(9311)$	1946	DK	95	Fibonacci number
101967	$4547\# + 1$	1939	D	84	Primorial
102216	$4297\# - 1$	1844	D	92	Primorial
102520	$V(8467)$	1770	c2	00	Lucas number, ECPP
102607	$4093\# - 1$	1750	CD	92	Primorial
102619	$5795 \cdot 2^{5795} + 1$	1749	K	84	Cullen
102625	$(2^{5807} + 1)/3$	1748	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
102849	$54201838768 \cdot 3917\# - 1$	1681	p395	16	Cunningham chain ($16p + 15$)

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103035	$102619722624 \cdot 3797\# + 1$	1631	p395	16	Cunningham chain 2nd kind ($16p - 15$)
103087	$V(7741)$	1618	DK	95	Lucas number
103131	$394254311495 \cdot 3733\#/2 + 4$	1606	c67	17	Quintuplet (5)
103132	$394254311495 \cdot 3733\#/2 + 2$	1606	c67	17	Quintuplet (4)
103133	$394254311495 \cdot 3733\#/2 - 2$	1606	c67	17	Quintuplet (3)
103134	$394254311495 \cdot 3733\#/2 - 4$	1606	c67	17	Quintuplet (2)
103135	$394254311495 \cdot 3733\#/2 - 8$	1606	c67	17	Quintuplet (1)
103168	$83 \cdot 2^{5318} - 1$	1603	K	84	Woodall
103436	$2316765173284 \cdot 3593\# + 16073$	1543	c18	16	Quintuplet (5), ECPP
103437	$2316765173284 \cdot 3593\# + 16069$	1543	c18	16	Quintuplet (4), ECPP
103438	$2316765173284 \cdot 3593\# + 16067$	1543	c18	16	Quintuplet (3), ECPP
103439	$2316765173284 \cdot 3593\# + 16063$	1543	c18	16	Quintuplet (2), ECPP
103440	$2316765173284 \cdot 3593\# + 16061$	1543	c18	16	Quintuplet (1), ECPP
103828	$16 \cdot 199949435137 \cdot 3499\# - 1$	1494	p382	16	Cunningham chain ($16p + 15$)
104392	$163252711105 \cdot 3371\#/2 + 4$	1443	c67	14	Quintuplet (5)
104393	$163252711105 \cdot 3371\#/2 + 2$	1443	c67	14	Quintuplet (4)
104394	$163252711105 \cdot 3371\#/2 - 2$	1443	c67	14	Quintuplet (3)
104395	$163252711105 \cdot 3371\#/2 - 4$	1443	c67	14	Quintuplet (2)
104396	$163252711105 \cdot 3371\#/2 - 8$	1443	c67	14	Quintuplet (1)
104676	$4713 \cdot 2^{4713} + 1$	1423	K	84	Cullen
105450	$3229\# + 1$	1368	D	84	Primorial
107767	$5780736564512 \cdot 3023\# - 1$	1301	p364	15	Cunningham chain ($16p + 15$)
108206	$898966996992 \cdot 3001\# + 1$	1289	p364	15	Cunningham chain 2nd kind ($16p - 15$)
108841	$16 \cdot 2658132486528 \cdot 2969\# + 1$	1281	p382	17	Cunningham chain 2nd kind ($16p - 15$)
108864	$16 \cdot 1413951139648 \cdot 2969\# + 1$	1280	p382	17	Cunningham chain 2nd kind ($16p - 15$)
109903	$546! - 1$	1260	D	92	Factorial
111188	$V(5851)$	1223	DK	95	Lucas number
111752	$406463527990 \cdot 2801\# + 1633050403$	1209	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
113007	$68002763264 \cdot 2749\# - 1$	1185	p35	12	Cunningham chain ($16p + 15$)
115695	$1290733709840 \cdot 2677\# + 1$	1141	p295	11	Cunningham chain 2nd kind ($16p - 15$)
116212	$U(5387)$	1126	WM	90	Fibonacci number
117774	$1176100079 \cdot 2591\# + 1$	1101	p252	19	Arithmetic progression ($8, d =$ $60355670 \cdot 2591\#$)
119083	$993530619517 \cdot 2503\# + 1633050373$	1073	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119097	$495690450643 \cdot 2503\# + 1633050403$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119123	$150822742857 \cdot 2503\# + 1633050373$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119135	$94807777362 \cdot 2503\# + 1633050373$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119222	$587027392600 \cdot 2477\# \cdot 16 - 1$	1070	p382	16	Cunningham chain ($16p + 15$)

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119533	$(2^{3539} + 1)/3$	1065	M	89	First titanic by ECPP, generalized Lucas number, Wagstaff
120008	$2968802755 \cdot 2459\# + 1$	1057	p155	09	Arithmetic progression ($8, d = 359463429 \cdot 2459\#$)
120202	$469! - 1$	1051	BC	81	Factorial
120763	$28993093368077 \cdot 2399\# + 19433$	1037	c18	16	Sextuplet (6), ECPP
120764	$28993093368077 \cdot 2399\# + 19429$	1037	c18	16	Sextuplet (5), ECPP
120765	$28993093368077 \cdot 2399\# + 19427$	1037	c18	16	Sextuplet (4), ECPP
120766	$28993093368077 \cdot 2399\# + 19423$	1037	c18	16	Sextuplet (3), ECPP
120767	$28993093368077 \cdot 2399\# + 19421$	1037	c18	16	Sextuplet (2), ECPP
120839	$6179783529 \cdot 2411\# + 1$	1037	p102	03	Arithmetic progression ($8, d = 176836494 \cdot 2411\#$)
121172	$R(1031)$	1031	WD	85	Repunit
121540	$89595955370432 \cdot 2371\# - 1$	1017	p364	15	Cunningham chain ($32p + 31$)
121650	$116040452086 \cdot 2371\# + 1$	1014	p308	12	Arithmetic progression ($9, d = 6317280828 \cdot 2371\#$)
121651	$115248484057 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($8, d = 7327002535 \cdot 2371\#$)
121800	$97336164242 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 6350457699 \cdot 2371\#$)
121924	$93537753980 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 3388165411 \cdot 2371\#$)
121956	$92836168856 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 127155673 \cdot 2371\#$)
123569	$69318339141 \cdot 2371\# + 1$	1014	p308	11	Arithmetic progression ($9, d = 1298717501 \cdot 2371\#$)
126838	$V(4793)$	1002	DK	95	Lucas number
126858	$113225039190926127209 \cdot 2339\# / 57057 + 21$	1002	c88	21	Septuplet (7)
126859	$113225039190926127209 \cdot 2339\# / 57057 + 19$	1002	c88	21	Septuplet (6)
126860	$113225039190926127209 \cdot 2339\# / 57057 + 13$	1002	c88	21	Septuplet (5)
126861	$113225039190926127209 \cdot 2339\# / 57057 + 9$	1002	c88	21	Septuplet (4)
126862	$113225039190926127209 \cdot 2339\# / 57057 + 7$	1002	c88	21	Septuplet (3)
126888	$V(4787)$	1001	DK	95	Lucas number

2 The Long Primes

These are the primes that were too long to fit above.

Prime with rank 521 (1036620 digits by p384) See on-line version for the rest of the digits

“27288429267119080686...(1036580 other digits)...83679577406643267931”

Prime with rank 991 (1000000 digits by L5207)

$10841645805132531666786792405311319418846637043199917731311876^{16384} + 1$

Prime with rank 992 (1000000 digits by L5122)

$10841645805132531666786792405311319418846637043199917731150000^{16384} + 1$

Prime with rank 993 (1000000 digits by p416)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729023786^{8192} + 1$$

Prime with rank 1837 (712748 digits by p360) See on-line version for the rest of the digits

“57671892869766803925...(712708 other digits)...06520121133805600769”

Prime with rank 3584 (518309 digits by p384) See on-line version for the rest of the digits

“99461233889495567276...(518269 other digits)...53126433719371038957”

Prime with rank 15949 (320237 digits by p44)

$$\text{Phi}(3, 10^{160118}) + (137 \cdot 10^{160119} + 731 \cdot 10^{159275}) \cdot (10^{843} - 1)/999$$

Prime with rank 15954 (320097 digits by p44)

$$\text{Phi}(3, 10^{160048}) + (137 \cdot 10^{160049} + 731 \cdot 10^{157453}) \cdot (10^{2595} - 1)/999$$

Prime with rank 19020 (275495 digits by p44)

$$\text{Phi}(3, 10^{137747}) + (137 \cdot 10^{137748} + 731 \cdot 10^{129293}) \cdot (10^{8454} - 1)/999$$

Prime with rank 25014 (208559 digits by p44)

$$\text{Phi}(3, 10^{104279}) + (137 \cdot 10^{104280} + 731 \cdot 10^{93395}) \cdot (10^{10884} - 1)/999$$

Prime with rank 25015 (208553 digits by p44)

$$\text{Phi}(3, 10^{104276}) + (137 \cdot 10^{104277} + 731 \cdot 10^{99683}) \cdot (10^{4593} - 1)/999$$

Prime with rank 25022 (208515 digits by p44)

$$\text{Phi}(3, 10^{104257}) + (137 \cdot 10^{104258} + 731 \cdot 10^{99193}) \cdot (10^{5064} - 1)/999$$

Prime with rank 25267 (206579 digits by p44)

$$\text{Phi}(3, 10^{103289}) + (137 \cdot 10^{103290} + 731 \cdot 10^{90449}) \cdot (10^{12840} - 1)/999$$

Prime with rank 60710 (34093 digits by c84) See on-line version for the rest of the digits

“10000000000000000000...(34053 other digits)...00000000000000532669”

Prime with rank 64830 (27630 digits by c96)

$$(10^{27669} + 7)/8313493832818655929448065598763458531111$$

Prime with rank 65196 (26709 digits by c77)

$$546351925018076058 \cdot \text{Bern}(9702)/129255048976106804786904258880518941$$

Prime with rank 65729 (25331 digits by c54)

$$\text{Phi}(12345, 7176)/31531760245313526865033921$$

Prime with rank 65741 (25291 digits by c95)

$$(2^{84211} - 1)/1347377/31358793176711980763958121/3314641676042347824169591561$$

Prime with rank 65868 (24938 digits by c84)

$$(2^{82939} - 1)/883323903012540278033571819073$$

Prime with rank 66771 (23743 digits by c94)

$$798 \cdot \text{Bern}(8766)/(2267959 \cdot 6468702182951641)$$

Prime with rank 70203 (17152 digits by c59)

$$(2^{57131} - 1)/61481396117165983261035042726614288722959856631$$

Prime with rank 70702 (16008 digits by c84)

$$(2^{53381} - 1)/15588960193/38922536168186976769/155991271597169062945033668006103$$

Prime with rank 70851 (15954 digits by c63)

$$-E(5186)/(704695260558899 \cdot 578291717 \cdot 726274378546751504461)$$

Prime with rank 71004 (15537 digits by x38)

$$(U(9275, 1, 3961) + U(9275, 1, 3960))/(U(9275, 1, 45) + U(9275, 1, 44))$$

Prime with rank 71031 (15455 digits by c77)

$$(2^{51487} - 1)/57410994232247/17292148963401772464767849635553$$

Prime with rank 72688 (13951 digits by c77)

$$U(66947)/12485272838388758877279873712131648167413$$

Prime with rank 72767 (13862 digits by c71)

$$6 \cdot \text{Bern}(5534)/(89651360098907 \cdot 22027790155387 \cdot 114866371)$$

Prime with rank 72772 (13840 digits by c63)

$$4410546 \cdot \text{Bern}(5526)/(4931516285027 \cdot 1969415121333695957254369297)$$

Prime with rank 72976 (13657 digits by c64)

$$6 \cdot \text{Bern}(5462)/(724389557 \cdot 8572589 \cdot 3742097186099)$$

Prime with rank 74508 (12533 digits by c63)

$$6 \cdot \text{Bern}(5078)/(64424527603 \cdot 9985070580644364287)$$

Prime with rank 74553 (12495 digits by c77)

$$(2^{41681} - 1)/1052945423/16647332713153/2853686272534246492102086015457$$

Prime with rank 74586 (12459 digits by c54)

$$(2^{41521} - 1)/41602235382028197528613357724450752065089$$

Prime with rank 74696 (12395 digits by c59)

$$(2^{41263} - 1)/(1402943 \cdot 983437775590306674647)$$

Prime with rank 74848 (12337 digits by c79)

$$U(59369)/244242 \setminus$$

$$36691484660394583037561699885688092693836440759407570209763004757$$

Prime with rank 76372 (11075 digits by c8)

$$U(53189)/69431662887136064191105625570683133711989$$

Prime with rank 76491 (10857 digits by c8)

$$V(52201)/70585804042896975505694709575919458733851279868446609$$

Prime with rank 76505 (10838 digits by c8)

$$V(52009)/39772636393178951550299332730909$$

Prime with rank 76526 (10789 digits by c8)

$$V(51941)/28\backslash$$

$$08052157610902114547210696868337380250300924116591143641642866931$$

Prime with rank 76539 (10763 digits by c64)

$$1258566 \cdot \text{Bern}(4462)/(2231 \cdot 596141126178107 \cdot 4970022131749)$$

Prime with rank 76665 (10562 digits by c77)

$$(2^{35339} - 1)/490988430384\backslash$$

$$98904028395440486235033667674267835480981233904512709297747031041$$

Prime with rank 77612 (9736 digits by c90)

$$(2^{32611} - 1)/15148007312464299\backslash$$

$$21091778748731899943932296901864652928732838910515860494755367311$$

Prime with rank 77741 (9516 digits by c8)

$$E(3308)/39308792292493140803643373186476368389461245$$

Prime with rank 78280 (9010 digits by c8)

$$U(43399)/470400609575881344601538056264109423291827366228494341196421$$

Prime with rank 78352 (8916 digits by c8)

$$U(42829)/107130175995197969243646842778153077$$

Prime with rank 78408 (8835 digits by c59)

$$(2^{29473} - 1)/(5613392570256862943 \cdot 24876264677503329001)$$

Prime with rank 79275 (8063 digits by c55)

$$(2^{26903} - 1)/1113285395642134415541632833178044793$$

Prime with rank 79390 (7945 digits by c8)

$$6 \cdot \text{Bern}(3458)/28329084584758278770932715893606309$$

Prime with rank 79417 (7906 digits by c39)

$$U(37987)/(16117960073 \cdot 94533840409 \cdot 1202815961509)$$

Prime with rank 79564 (7740 digits by c86)

$$(2^{25933} - 1)/1343522383641330719274248287/5589137403017310421606050379256829183569$$

Prime with rank 80009 (7551 digits by c84)

$$(2^{25243} - 1)/252431/403889/43014073/449245236879223161338352589831$$

Prime with rank 80601 (7239 digits by c8)

$$U(34807)/551750980997908879677508732866536453$$

Prime with rank 80807 (7138 digits by c63)

$$-30 \cdot \text{Bern}(3176)/(169908471493279 \cdot 905130251538800883547330531 \cdot 434990809309147283469396721753169)$$

Prime with rank 81236 (7053 digits by c8)

$$U(33997)/8119544695419968014626314520991088099382355441843013$$

Prime with rank 82136 (6943 digits by c63)

$$-10365630 \cdot \text{Bern}(3100)/(140592076277 \cdot 66260150981141825531862457 \cdot 179307479508256366206520177467103)$$

Prime with rank 82452 (6637 digits by c8)

$$6 \cdot \text{Bern}(2974)/19622040971147542470479091157507$$

Prime with rank 82481 (6622 digits by c90)

$$(2^{22193} - 1)/1482314857/335842152520679489/550120409183543541076906984732919$$

Prime with rank 83627 (5938 digits by c8)

$$-E(2202)/53781055550934778283104432814129020709$$

Prime with rank 83939 (5701 digits by c8)

$$274386 \cdot \text{Bern}(2622)/8518594882415401157891061256276973722693$$

Prime with rank 84676 (5354 digits by c63)

$$-30 \cdot \text{Bern}(2504)/(313 \cdot 424524649821233650433 \cdot 117180678030577350578887 \cdot 8016621720796146291948744439)$$

Prime with rank 84883 (5258 digits by c8)

$$-E(1990)/8338208577950624722417016286765473477033741642105671913$$

Prime with rank 86694 (4812 digits by c4)

$$E(1840)/31237282053878368942060412182384934425$$

Prime with rank 87313 (4498 digits by c4)

$$E(1736)/(55695515 \cdot 75284987831 \cdot 3222089324971117)$$

Prime with rank 87725 (4200 digits by c8)

$$276474 \cdot \text{Bern}(2030)/(19426085 \cdot 24191786327543)$$

Prime with rank 88363 (3734 digits by c8)

$$-197676570 \cdot 18851280661 \cdot \text{Bern}(1836)/(59789 \cdot 3927024469727)$$

Prime with rank 88481 (3682 digits by c8)

$$-E(1466)/167900532276654417372106952612534399239$$

Prime with rank 88489 (3671 digits by c4)

$$E(1468)/(95 \cdot 217158949445380764696306893 \cdot 597712879321361736404369071)$$

Prime with rank 91226 (2829 digits by c8)

$$-E(1174)/50550511342697072710795058639332351763$$

Prime with rank 91378 (2697 digits by c77)

$$-E(1142)/6233437695283 \backslash \\ 86549241264812295334907944693557071842282853986359013986902240869$$

Prime with rank 98322 (2183 digits by c63)

$$-E(958)/(23041998673 \cdot 60728415169 \cdot 1169782469256830327 \cdot \\ 673624354114927513970319552187639)$$

Prime with rank 99475 (2069 digits by c4)

$$-E(902)/(9756496279 \cdot 314344516832998594237)$$

3 Table of Proof-Codes

Key to Proof-Codes (primality provers):

	<u>code</u>	<u>description</u>
BC	Penk, Crandall, Buhler	
C	Caldwell, Cruncher	
c2	Water, Primo	
c4	Broadhurst, Primo	
c8	Water, Broadhurst, Primo	
c11	Oakes, Primo	
c18	Luhn, Primo	
c33	Chaglassian, Primo	
c35	Cami, Primo	
c39	Minovic, OpenPFGW, Primo	
c46	Boncompagni, Primo	
c47	Chandler, Primo	
c54	Wu.T, Primo	
c55	Gramolin, Primo	
c56	Soule, Minovic, OpenPFGW, Primo	
c58	Kaiser1, NewPGen, OpenPFGW, Primo	
c59	Metcalfe, OpenPFGW, Primo	
c60	Lemsafer, Primo	
c63	Ritschel, TOPS, Primo	
c64	Metcalfe, Minovic, Ritschel, TOPS, Primo	
c65	Lygeros, Rozier, Primo	
c66	Steine, Primo	

code	description
c67	Batalov, NewPGen, OpenPFGW, Primo
c69	Jacobsen, Primo
c70	Dubner, Underwood, Primo
c71	Metcalf, Ritschel, Andersen, TOPS, Primo
c73	Lifchitz, Underwood, Primo
c74	Lasher, Dubner, Primo
c76	Kaiser1, Underwood, Water, Primo
c77	Batalov, Primo
c79	Batalov, Water, Broadhurst, Primo
c80	Lygeros, Rozier, Anonymous, Primo
c81	Underwood, Water, Primo
c82	Steine, Water, Primo
c83	Kaiser1, PolySieve, NewPGen, Primo
c84	Underwood, Primo
c85	Lasher, Broadhurst, Primo
c86	Polzer, Primo
c87	Kaiser1, OpenPFGW, Primo
c88	Kaiser1, PolySieve, Primo
c89	Underwood, Broadhurst, Primo
c90	Palameta, Batalov, Primo
c92	Lamprecht, Luhn, Primo
c93	Batalov, PolySieve, Primo
c94	Gelhar, Ritschel, TOPS, Primo
c95	Gelhar, Primo
c96	Reich2, Primo
CD	Dubner, Caldwell, Cruncher
CH10	Batalov, Primo, OpenPFGW, CHG
CH12	Propper, Batalov, Primo, OpenPFGW, CHG
CH13	Propper, Batalov, Primo, OpenPFGW, CHG
CH2	Wu.T, Primo, OpenPFGW, CHG
CH3	Water, Broadhurst, Primo, OpenPFGW, CHG
CH4	Irvine, Water, Broadhurst, Primo, OpenPFGW, CHG
CH7	Broadhurst, OpenPFGW, CHG
CH9	Zhou, OpenPFGW, CHG
D	Dubner, Cruncher
DK	Keller, Dubner, Cruncher
DS	Smith.Darren, Proth.exe
FE1	Morain, FastECP
FE8	Oakes, Morain, Water, Broadhurst, FastECP
FE9	Morain, Water, Broadhurst, FastECP
g0	Gallot, Proth.exe
g1	Caldwell, Proth.exe
G1	Armengaud, GIMPS, Prime95
G2	Spence, GIMPS, Prime95
G3	Clarkson, Kurowski, GIMPS, Prime95
G4	Hajratwala, Kurowski, GIMPS, Prime95
G5	Cameron, Kurowski, GIMPS, Prime95
G6	Shafer, GIMPS, Prime95

code	description
G7	Findley_J, GIMPS, Prime95
G8	Nowak, GIMPS, Prime95
G9	Boone, Cooper, GIMPS, Prime95
G10	Smith_E, GIMPS, Prime95
G11	Elvenich, GIMPS, Prime95
G12	Strindmo, GIMPS, Prime95
G13	Cooper, GIMPS, Prime95
G14	Cooper, GIMPS, Prime95
G15	Pace, GIMPS, Prime95
G16	Laroche, GIMPS, Prime95
g23	Ballinger, Proth.exe
g25	OHare, Proth.exe
g55	Toplic, Proth.exe
g59	Linton, Proth.exe
g124	Crickman, Proth.exe
g236	Heuer, GFN17Sieve, GFNSearch, Proth.exe
g245	Cosgrave, NewPGen, PRP, Proth.exe
g259	Papp, Proth.exe
g260	AYENI, Proth.exe
g267	Grobstich, NewPGen, PRP, Proth.exe
g277	Eaton, NewPGen, PRP, Proth.exe
g279	Cooper, NewPGen, PRP, Proth.exe
g300	Zilmer, Proth.exe
g308	Angel, GFN17Sieve, GFNSearch, Proth.exe
g337	Hsieh, NewPGen, PRP, Proth.exe
g346	Dausch, ProthSieve, PrimeSierpinski, PRP, Proth.exe
g387	Muzik, Proth.exe
g403	Yoshimura, ProthSieve, PrimeSierpinski, LLR, Proth.exe
g407	HermleGC, MultiSieve, PRP, Proth.exe
g411	Brittenham, NewPGen, PRP, Proth.exe
g413	Scott, AthGFNSieve, Proth.exe
g414	Gilvey, Srsieve, PrimeGrid, PrimeSierpinski, LLR, Proth.exe
g418	Taura, NewPGen, PRP, Proth.exe
g424	Broadhurst, NewPGen, OpenPFGW, Proth.exe
g427	Batalov, Srsieve, LLR, Proth.exe
g429	Underbakke, GenefX64, AthGFNSieve, PrimeGrid, Proth.exe
g430	Brockwell, NewPGen, OpenPFGW, Proth.exe
gm	Morii, Proth.exe
gt	Taura, Proth.exe
K	Keller
L47	Bishop_D, ProthSieve, RieselSieve, LLR
L51	Hedges, NewPGen, PRP, LLR
L53	Zaveri, ProthSieve, RieselSieve, PRP, LLR
L62	Ewing, NewPGen, 12121search, LLR
L65	Clowes, NewPGen, 12121search, LLR
L95	Urushi, LLR
L99	Underbakke, TwinGen, LLR
L111	Fisher, ProthSieve, RieselSieve, LLR

	<u>code</u>	<u>description</u>
L124	Rodenkirch,	MultiSieve, LLR
L129	Snyder,	LLR
L134	Childers,	ProthSieve, RieselSieve, LLR
L137	Jaworski,	Rieselprime, LLR
L145	Minovic,	Ksieve, NewPGen, Rieselprime, LLR
L158	Underwood,	NewPGen, 321search, LLR
L160	Wong,	ProthSieve, RieselSieve, LLR
L162	Banka,	NewPGen, 12121search, LLR
L165	Keiser,	NewPGen, OpenPFGW, LLR
L167	Curtis,	NewPGen, Rieselprime, LLR
L172	Smith,	ProthSieve, RieselSieve, LLR
L175	Duggan,	ProthSieve, RieselSieve, LLR
L177	Kwok,	Rieselprime, LLR
L179	White,	ProthSieve, RieselSieve, LLR
L181	Siegert,	LLR
L185	Hassler,	NewPGen, LLR
L191	Banka,	NewPGen, LLR
L192	Jaworski,	LLR
L193	Rosink,	ProthSieve, RieselSieve, LLR
L197	DaltonJ,	ProthSieve, RieselSieve, LLR
L201	Siemelink,	LLR
L202	Vautier,	McKibbon, Gribenko, NewPGen, PrimeGrid, TPS, LLR
L251	Burt,	NewPGen, Rieselprime, LLR
L256	Underwood,	Srsieve, NewPGen, 321search, LLR
L257	Ritschel,	Srsieve, Rieselprime, LLR
L260	Soule,	Srsieve, Rieselprime, LLR
L268	Metcalfe,	Srsieve, Rieselprime, LLR
L282	Curtis,	Srsieve, Rieselprime, LLR
L321	Broadhurst,	NewPGen, OpenPFGW, LLR
L330	Tjung,	Srsieve, Rieselprime, LLR
L333	Jogibhai,	NewPGen, PrimeGrid, TPS, LLR
L381	Mate,	Siemelink, Rodenkirch, MultiSieve, LLR
L384	Pinho,	Srsieve, Rieselprime, LLR
L426	Jaworski,	Srsieve, Rieselprime, LLR
L436	Andersen2,	Gcwsieve, MultiSieve, PrimeGrid, LLR
L446	Saridis,	NewPGen, Proth.exe, LLR
L447	Kohlman,	Gcwsieve, MultiSieve, PrimeGrid, LLR
L466	Zhou,	NewPGen, LLR
L503	Benson,	Srsieve, LLR
L521	Thompson1,	Gcwsieve, MultiSieve, PrimeGrid, LLR
L527	Tornberg,	TwinGen, LLR
L541	Barnes,	Srsieve, CRUS, LLR
L545	AndersonM,	NewPGen, Rieselprime, LLR
L587	Dettweiler,	Srsieve, CRUS, LLR
L591	Penne,	Srsieve, CRUS, LLR
L606	Bennett,	Srsieve, NewPGen, PrimeGrid, 321search, LLR
L613	Keogh,	Srsieve, ProthSieve, RieselSieve, LLR
L621	Sutton1,	Srsieve, <u>Rieselprime, LLR</u>

	<u>code</u>	<u>description</u>
L622	Cardall, Srsieve, ProthSieve, RieselSieve, LLR	
L632	Stokkedalen, Rieselprime, LLR	
L669	Harvey, Srsieve, PrimeGrid, LLR	
L671	Wong, Srsieve, PrimeGrid, LLR	
L689	Brown1, Srsieve, PrimeGrid, LLR	
L690	Cholt, Srsieve, PrimeGrid, LLR	
L732	Embling, Srsieve, PrimeGrid, LLR	
L753	Wolfram, Srsieve, PrimeGrid, LLR	
L760	Riesen, Srsieve, Rieselprime, LLR	
L764	Ewing, Srsieve, PrimeGrid, LLR	
L780	Brady, Srsieve, PrimeGrid, LLR	
L801	Gesker, Gcwsieve, MultiSieve, PrimeGrid, LLR	
L806	Stevens, Srsieve, LLR	
L840	Vogel, Srsieve, Rieselprime, LLR	
L895	Dinkel, Srsieve, LLR	
L917	Bergman1, Gcwsieve, MultiSieve, PrimeGrid, LLR	
L923	Kaiser1, Klahn, NewPGen, PrimeGrid, TPS, SunGard, LLR	
L927	Brown1, TwinGen, PrimeGrid, LLR	
L983	Wu_T, LLR	
L1016	Hartel, Srsieve, PrimeGrid, LLR	
L1056	Schwieger, Srsieve, PrimeGrid, LLR	
L1115	Splain, PSieve, Srsieve, PrimeGrid, LLR	
L1122	Parker, PSieve, Srsieve, PrimeGrid, LLR	
L1125	Laluk, PSieve, Srsieve, PrimeGrid, LLR	
L1129	Slomma, PSieve, Srsieve, PrimeGrid, LLR	
L1130	Adolfsson, PSieve, Srsieve, PrimeGrid, LLR	
L1134	Ogawa, Srsieve, NewPGen, LLR	
L1135	Frith, PSieve, Srsieve, PrimeGrid, LLR	
L1139	Harvey1, PSieve, Srsieve, PrimeGrid, LLR	
L1153	Kaiser1, Srsieve, PrimeGrid, 12121search, LLR	
L1158	Vogel, PSieve, Srsieve, PrimeGrid, LLR	
L1160	Sunderland, PSieve, Srsieve, PrimeGrid, LLR	
L1174	Brazier, PSieve, Srsieve, PrimeGrid, LLR	
L1186	Richard1, PSieve, Srsieve, PrimeGrid, LLR	
L1188	Faith, PSieve, Srsieve, PrimeGrid, LLR	
L1199	DeRidder, PSieve, Srsieve, PrimeGrid, LLR	
L1201	Carpenter1, PSieve, Srsieve, PrimeGrid, LLR	
L1203	Mauno, PSieve, Srsieve, PrimeGrid, LLR	
L1204	Brown1, PSieve, Srsieve, PrimeGrid, LLR	
L1209	Wong, PSieve, Srsieve, PrimeGrid, LLR	
L1210	Rhodes, PSieve, Srsieve, PrimeGrid, LLR	
L1218	Winslow, PSieve, Srsieve, PrimeGrid, LLR	
L1223	Courty, PSieve, Srsieve, PrimeGrid, LLR	
L1224	Domanov1, PSieve, Srsieve, PrimeGrid, LLR	
L1230	Yooil1, PSieve, Srsieve, PrimeGrid, LLR	
L1300	Yama, PSieve, Srsieve, PrimeGrid, LLR	
L1301	Sorbera, Srsieve, CRUS, LLR	
L1312	Nye, PSieve, Srsieve, PrimeGrid, LLR	

	<u>code</u>	<u>description</u>
L1333	Jacques,	PSieve, Srsieve, PrimeGrid, LLR
L1344	Kobara,	PSieve, Srsieve, PrimeGrid, LLR
L1349	Wallace,	Srsieve, NewPGen, PrimeGrid, LLR
L1353	Mumper,	Srsieve, PrimeGrid, LLR
L1354	Vynogradov,	PSieve, Srsieve, PrimeGrid, LLR
L1355	Beck,	PSieve, Srsieve, PrimeGrid, LLR
L1356	Gockel,	PSieve, Srsieve, PrimeGrid, LLR
L1360	Tatterson,	PSieve, Srsieve, PrimeGrid, LLR
L1379	Uehara1,	PSieve, Srsieve, PrimeGrid, LLR
L1387	Anonymous,	PSieve, Srsieve, PrimeGrid, LLR
L1403	Andrews1,	PSieve, Srsieve, PrimeGrid, LLR
L1408	Emery,	PSieve, Srsieve, PrimeGrid, LLR
L1412	Jones.M,	PSieve, Srsieve, PrimeGrid, LLR
L1413	Morton,	PSieve, Srsieve, PrimeGrid, LLR
L1415	Englund,	PSieve, Srsieve, PrimeGrid, LLR
L1422	Steichen,	PSieve, Srsieve, PrimeGrid, LLR
L1444	Davies,	PSieve, Srsieve, PrimeGrid, LLR
L1448	Hron,	PSieve, Srsieve, PrimeGrid, LLR
L1455	Heikkila,	PSieve, Srsieve, PrimeGrid, LLR
L1456	Webster,	PSieve, Srsieve, PrimeGrid, LLR
L1460	Salah,	Srsieve, PrimeGrid, PrimeSierpinski, LLR
L1471	Gunn,	Srsieve, CRUS, LLR
L1474	Brown6,	PSieve, Srsieve, PrimeGrid, LLR
L1479	Schori,	PSieve, Srsieve, PrimeGrid, LLR
L1480	Goudie,	PSieve, Srsieve, PrimeGrid, LLR
L1484	Morris,	PSieve, Srsieve, PrimeGrid, LLR
L1486	Dinkel,	PSieve, Srsieve, PrimeGrid, LLR
L1487	Krompolc,	PSieve, Srsieve, PrimeGrid, LLR
L1492	Eiterig,	PSieve, Srsieve, PrimeGrid, LLR
L1502	Champ,	PSieve, Srsieve, PrimeGrid, LLR
L1505	Watanabe,	PSieve, Srsieve, PrimeGrid, LLR
L1512	Obara,	PSieve, Srsieve, PrimeGrid, LLR
L1513	Miller1,	PSieve, Srsieve, PrimeGrid, LLR
L1567	Schlereth,	PSieve, Srsieve, PrimeGrid, LLR
L1576	Craig,	PSieve, Srsieve, PrimeGrid, LLR
L1584	ODonnell,	PSieve, Srsieve, PrimeGrid, LLR
L1595	Cilliers,	PSieve, Srsieve, PrimeGrid, LLR
L1675	Schwieger,	PSieve, Srsieve, PrimeGrid, LLR
L1728	Gasewicz,	PSieve, Srsieve, PrimeGrid, LLR
L1733	Murphy,	PSieve, Srsieve, PrimeGrid, LLR
L1741	Granowski,	PSieve, Srsieve, PrimeGrid, LLR
L1745	Cholt,	PSieve, Srsieve, PrimeGrid, LLR
L1751	Eckhard,	Srsieve, PrimeGrid, LLR
L1753	Iwasaki,	PSieve, Srsieve, PrimeGrid, LLR
L1754	Hubbard,	PSieve, Srsieve, PrimeGrid, LLR
L1774	Schoefer,	PSieve, Srsieve, PrimeGrid, LLR
L1780	Ming,	PSieve, Srsieve, PrimeGrid, LLR
L1792	Tang,	PSieve, Srsieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L1803	Puppi	PSieve, Srsieve, PrimeGrid, LLR
L1808	Reynolds1	PSieve, Srsieve, PrimeGrid, LLR
L1809	Vogel	PSieve, Srsieve, NPLB, LLR
L1817	Barnes	PSieve, Srsieve, NPLB, LLR
L1819	Gunn	PSieve, Srsieve, NPLB, LLR
L1823	Larsson	PSieve, Srsieve, PrimeGrid, LLR
L1827	Chatfield	PSieve, Srsieve, NPLB, LLR
L1828	Benson	PSieve, Srsieve, Rieselprime, LLR
L1830	Bonath	PSieve, Srsieve, NPLB, LLR
L1842	Ohlsson	PSieve, Srsieve, PrimeGrid, LLR
L1847	Liu1	PSieve, Srsieve, PrimeGrid, LLR
L1862	Curtis	PSieve, Srsieve, Rieselprime, LLR
L1863	Wozny	PSieve, Srsieve, Rieselprime, LLR
L1884	Jaworski	PSieve, Srsieve, Rieselprime, LLR
L1885	Ostaszewski	PSieve, Srsieve, PrimeGrid, LLR
L1921	Winslow	TwinGen, PrimeGrid, LLR
L1932	Dragnev	PSieve, Srsieve, PrimeGrid, LLR
L1933	Ingram	PSieve, Srsieve, PrimeGrid, LLR
L1935	Channing	PSieve, Srsieve, PrimeGrid, LLR
L1949	Pritchard	Srsieve, PrimeGrid, RieselSieve, LLR
L1957	Hemsley	PSieve, Srsieve, PrimeGrid, LLR
L1958	DUrso	Srsieve, NewPGen, OpenPFGW, LLR
L1959	Metcalfe	PSieve, Srsieve, Rieselprime, LLR
L1979	Tibbott	PSieve, Srsieve, PrimeGrid, LLR
L1980	Mueller3	PSieve, Srsieve, PrimeGrid, LLR
L1983	Safford	PSieve, Srsieve, PrimeGrid, LLR
L1990	Makowski	PSieve, Srsieve, PrimeGrid, LLR
L2006	Rix	PSieve, Srsieve, PrimeGrid, LLR
L2012	Pedersen_K	Srsieve, CRUS, OpenPFGW, LLR
L2017	Hubbard	PSieve, Srsieve, NPLB, LLR
L2019	Wood_D	PSieve, Srsieve, PrimeGrid, LLR
L2028	Klein	PSieve, Srsieve, NPLB, LLR
L2030	Tonner	PSieve, Srsieve, PrimeGrid, LLR
L2035	Greer	TwinGen, PrimeGrid, LLR
L2042	Lachance	PSieve, Srsieve, PrimeGrid, LLR
L2046	Melvold	Srsieve, PrimeGrid, LLR
L2051	Reich	PSieve, Srsieve, PrimeGrid, LLR
L2054	Kaiser1	Srsieve, CRUS, LLR
L2055	Soule	PSieve, Srsieve, Rieselprime, LLR
L2058	Sas	PSieve, Srsieve, PrimeGrid, LLR
L2070	Schemmel	PSieve, Srsieve, PrimeGrid, LLR
L2074	Minovic	PSieve, Srsieve, Rieselprime, LLR
L2085	Dodson1	PSieve, Srsieve, PrimeGrid, LLR
L2086	Sveen	PSieve, Srsieve, PrimeGrid, LLR
L2100	Christensen	PSieve, Srsieve, PrimeGrid, LLR
L2101	Tutusaus	PSieve, Srsieve, Rieselprime, LLR
L2103	Schmidt1	PSieve, Srsieve, PrimeGrid, LLR
L2117	Karlsteen	PSieve, <u>Srsieve, PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
L2121	VanRangelrooij	PSieve, Srsieve, PrimeGrid, LLR
L2122	Megele	PSieve, Srsieve, PrimeGrid, LLR
L2125	Greer	PSieve, Srsieve, PrimeGrid, LLR
L2126	Senftleben	PSieve, Srsieve, PrimeGrid, LLR
L2131	Johnson4	PSieve, Srsieve, PrimeGrid, LLR
L2137	Hayashi1	PSieve, Srsieve, PrimeGrid, LLR
L2142	Hajek	PSieve, Srsieve, PrimeGrid, LLR
L2158	Krauss	PSieve, Srsieve, PrimeGrid, LLR
L2163	VanRooijen1	PSieve, Srsieve, PrimeGrid, LLR
L2233	Herder	Srsieve, PrimeGrid, LLR
L2235	Mullage	PSieve, Srsieve, NPLB, LLR
L2241	Wintrip	PSieve, Srsieve, PrimeGrid, LLR
L2269	Schori	Srsieve, PrimeGrid, LLR
L2321	Medcalf	PSieve, Srsieve, PrimeGrid, LLR
L2322	Szafranski	PSieve, Srsieve, PrimeGrid, LLR
L2327	Oh	PSieve, Srsieve, PrimeGrid, LLR
L2337	Schmalen	PSieve, Srsieve, PrimeGrid, LLR
L2338	Burt	PSieve, Srsieve, Rieselprime, LLR
L2366	Satoh	PSieve, Srsieve, PrimeGrid, LLR
L2371	Luszczek	Srsieve, PrimeGrid, LLR
L2373	Tarasov1	Srsieve, PrimeGrid, LLR
L2399	Bouch	PSieve, Srsieve, PrimeGrid, LLR
L2408	Reinman	Srsieve, PrimeGrid, LLR
L2413	Blyth	PSieve, Srsieve, PrimeGrid, LLR
L2419	Gathright	PSieve, Srsieve, PrimeGrid, LLR
L2425	DallOsto	LLR
L2429	Bliedung	TwinGen, PrimeGrid, LLR
L2432	Sutton1	PSieve, Srsieve, Rieselprime, LLR
L2444	Batalov	PSieve, Srsieve, Rieselprime, LLR
L2484	Ritschel	PSieve, Srsieve, Rieselprime, LLR
L2487	Liao	PSieve, Srsieve, PrimeGrid, LLR
L2494	Javtokas	PSieve, Srsieve, PrimeGrid, LLR
L2507	Geis	PSieve, Srsieve, PrimeGrid, LLR
L2511	Johnson6	TwinGen, PrimeGrid, LLR
L2516	Koschewski	PSieve, Srsieve, PrimeGrid, LLR
L2517	McPherson	PSieve, Srsieve, PrimeGrid, LLR
L2518	Karevik	PSieve, Srsieve, PrimeGrid, LLR
L2519	Schmidt2	PSieve, Srsieve, NPLB, LLR
L2520	Mamanakis	PSieve, Srsieve, PrimeGrid, LLR
L2521	Matillek	PSieve, Srsieve, PrimeGrid, LLR
L2526	Martinik	PSieve, Srsieve, PrimeGrid, LLR
L2532	Papp2	PSieve, Srsieve, PrimeGrid, LLR
L2533	Yoshikawa	PSieve, Srsieve, PrimeGrid, LLR
L2539	Gielkens	PSieve, Srsieve, PrimeGrid, LLR
L2545	Nose	PSieve, Srsieve, PrimeGrid, LLR
L2549	McKay	PSieve, Srsieve, PrimeGrid, LLR
L2552	Foulher	PSieve, Srsieve, PrimeGrid, LLR
L2559	Watanabel	PSieve, Srsieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L2561	Vinklat,	PSieve, Srsieve, PrimeGrid, LLR
L2562	Jones3,	PSieve, Srsieve, PrimeGrid, LLR
L2564	Bravin,	PSieve, Srsieve, PrimeGrid, LLR
L2583	Nakamura,	PSieve, Srsieve, PrimeGrid, LLR
L2594	Sheridan,	PSieve, Srsieve, PrimeGrid, LLR
L2602	Mueller4,	PSieve, Srsieve, PrimeGrid, LLR
L2603	Hoffman,	PSieve, Srsieve, PrimeGrid, LLR
L2606	Slakans,	PSieve, Srsieve, PrimeGrid, LLR
L2623	Pabis,	PSieve, Srsieve, PrimeGrid, LLR
L2626	DeKlerk,	PSieve, Srsieve, PrimeGrid, LLR
L2627	Graham2,	PSieve, Srsieve, PrimeGrid, LLR
L2629	Becker2,	PSieve, Srsieve, PrimeGrid, LLR
L2636	Fick,	PSieve, Srsieve, PrimeGrid, LLR
L2649	Brandstaetter,	PSieve, Srsieve, PrimeGrid, LLR
L2659	Reber,	PSieve, Srsieve, PrimeGrid, LLR
L2664	Koluvare,	PSieve, Srsieve, PrimeGrid, LLR
L2673	Burningham,	PSieve, Srsieve, PrimeGrid, LLR
L2675	Ling,	PSieve, Srsieve, PrimeGrid, LLR
L2676	Cox2,	PSieve, Srsieve, PrimeGrid, LLR
L2691	Pettersen,	PSieve, Srsieve, PrimeGrid, LLR
L2703	Armstrong,	PSieve, Srsieve, PrimeGrid, LLR
L2707	Out,	PSieve, Srsieve, PrimeGrid, LLR
L2714	Piotrowski,	PSieve, Srsieve, PrimeGrid, LLR
L2715	Donovan,	PSieve, Srsieve, PrimeGrid, LLR
L2719	Yost,	PSieve, Srsieve, PrimeGrid, LLR
L2724	AverayJones,	PSieve, Srsieve, PrimeGrid, LLR
L2734	Mamonov,	PSieve, Srsieve, PrimeGrid, LLR
L2735	Kenney,	PSieve, Srsieve, PrimeGrid, LLR
L2742	Flutttert,	PSieve, Srsieve, PrimeGrid, LLR
L2777	Ritschel,	Gcwsieve, TOPS, LLR
L2785	Meili,	PSieve, Srsieve, PrimeGrid, LLR
L2787	Kapicioglu,	PSieve, Srsieve, PrimeGrid, LLR
L2803	Barbyshev,	PSieve, Srsieve, PrimeGrid, LLR
L2805	Barr,	PSieve, Srsieve, PrimeGrid, LLR
L2823	Loureiro,	PSieve, Srsieve, PrimeGrid, LLR
L2826	Jeudy,	PSieve, Srsieve, PrimeGrid, LLR
L2827	Melzer,	PSieve, Srsieve, PrimeGrid, LLR
L2840	Santana,	PSieve, Srsieve, PrimeGrid, LLR
L2841	Minovic,	Gcwsieve, MultiSieve, TOPS, LLR
L2842	English1,	PSieve, Srsieve, PrimeGrid, LLR
L2859	Keenan,	PSieve, Srsieve, PrimeGrid, LLR
L2873	Jurach,	PSieve, Srsieve, PrimeGrid, LLR
L2876	Pryazhentsev,	PSieve, Srsieve, PrimeGrid, LLR
L2885	Busacker,	PSieve, Srsieve, PrimeGrid, LLR
L2891	Lacroix,	PSieve, Srsieve, PrimeGrid, LLR
L2895	Leonard1,	PSieve, Srsieve, PrimeGrid, LLR
L2914	Merrylees,	PSieve, Srsieve, PrimeGrid, LLR
L2930	Ruber,	PSieve, <u>Srsieve</u> , PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L2938	VanLeeuwen,	PSieve, Srsieve, PrimeGrid, LLR
L2959	Derrera,	PSieve, Srsieve, PrimeGrid, LLR
L2963	Newberry,	PSieve, Srsieve, PrimeGrid, LLR
L2967	Ryjkov,	PSieve, Srsieve, PrimeGrid, LLR
L2973	Kurtovic,	Srsieve, PrimeGrid, LLR
L2975	Loureiro,	GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L2981	Yoshigoe,	PSieve, Srsieve, PrimeGrid, LLR
L2989	Jurka,	PSieve, Srsieve, PrimeGrid, LLR
L2992	Boehm,	PSieve, Srsieve, PrimeGrid, LLR
L2997	Williams2,	PSieve, Srsieve, PrimeGrid, LLR
L3014	Janda,	PSieve, Srsieve, PrimeGrid, LLR
L3023	Winslow,	PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3029	Walsh,	PSieve, Srsieve, PrimeGrid, LLR
L3033	Snow,	PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3034	Wakolbinger,	PSieve, Srsieve, PrimeGrid, LLR
L3035	Scalise,	PSieve, Srsieve, PrimeGrid, LLR
L3037	Noltensmeier,	PSieve, Srsieve, PrimeGrid, LLR
L3043	Hayase,	PSieve, Srsieve, PrimeGrid, LLR
L3048	Breslin,	PSieve, Srsieve, PrimeGrid, LLR
L3049	Tardy,	PSieve, Srsieve, PrimeGrid, LLR
L3054	Winslow,	Srsieve, PrimeGrid, LLR
L3075	Goellner,	PSieve, Srsieve, PrimeGrid, LLR
L3091	Ridgway,	PSieve, Srsieve, PrimeGrid, LLR
L3101	Reichard,	PSieve, Srsieve, PrimeGrid, LLR
L3105	Eldredge,	PSieve, Srsieve, PrimeGrid, LLR
L3108	Horotan,	PSieve, Srsieve, PrimeGrid, LLR
L3110	Ruge,	PSieve, Srsieve, PrimeGrid, LLR
L3113	Utendorf,	PSieve, Srsieve, PrimeGrid, LLR
L3118	Yama,	GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3121	Kwok,	NewPGen, TPS, LLR
L3125	Rizman,	PSieve, Srsieve, PrimeGrid, LLR
L3127	Gilles,	PSieve, Srsieve, PrimeGrid, LLR
L3131	Kopp,	PSieve, Srsieve, PrimeGrid, LLR
L3139	Berker,	PSieve, Srsieve, PrimeGrid, LLR
L3141	Kus,	PSieve, Srsieve, PrimeGrid, LLR
L3154	Hentrich,	PSieve, Srsieve, PrimeGrid, LLR
L3157	Becker2,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3166	Jackson1,	PSieve, Srsieve, PrimeGrid, LLR
L3167	Delisle,	PSieve, Srsieve, PrimeGrid, LLR
L3168	Schwegler,	PSieve, Srsieve, PrimeGrid, LLR
L3171	Bergelt,	PSieve, Srsieve, PrimeGrid, LLR
L3173	Zhou2,	PSieve, Srsieve, PrimeGrid, LLR
L3174	Boniecki,	PSieve, Srsieve, PrimeGrid, LLR
L3179	Hamada,	PSieve, Srsieve, PrimeGrid, LLR
L3180	Poon,	PSieve, Srsieve, PrimeGrid, LLR
L3181	Klucken,	PSieve, Srsieve, PrimeGrid, LLR
L3183	Haller,	Srsieve, PrimeGrid, LLR
L3184	Hayslette,	GeneferCUDA, AthGFNSieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L3188	Oenen,	PSieve, Srsieve, PrimeGrid, LLR
L3190	Vogel,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3192	Gundermann,	PSieve, Srsieve, PrimeGrid, LLR
L3200	Athanas,	PSieve, Srsieve, PrimeGrid, LLR
L3203	Scalise,	TwinGen, PrimeGrid, LLR
L3206	Chang2,	PSieve, Srsieve, PrimeGrid, LLR
L3209	McArdle,	GenefX64, AthGFNSieve, PrimeGrid, LLR
L3213	OBrien1,	PSieve, Srsieve, PrimeGrid, LLR
L3221	Vicena,	PSieve, Srsieve, PrimeGrid, LLR
L3222	Yamamoto,	PSieve, Srsieve, PrimeGrid, LLR
L3223	Yurgandzhiev,	PSieve, Srsieve, PrimeGrid, LLR
L3230	Kumagai,	GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3233	Nadeau,	PSieve, Srsieve, PrimeGrid, LLR
L3234	Parangalan,	PSieve, Srsieve, PrimeGrid, LLR
L3237	Reifschneider,	PSieve, Srsieve, PrimeGrid, LLR
L3249	Lind,	PSieve, Srsieve, PrimeGrid, LLR
L3260	Stanko,	PSieve, Srsieve, PrimeGrid, LLR
L3261	Batalov,	PSieve, Srsieve, PrimeGrid, LLR
L3262	Molder,	PSieve, Srsieve, PrimeGrid, LLR
L3267	Cain,	PSieve, Srsieve, PrimeGrid, LLR
L3271	Hedlund,	PSieve, Srsieve, PrimeGrid, LLR
L3276	Jeka,	PSieve, Srsieve, PrimeGrid, LLR
L3277	Wijnen,	PSieve, Srsieve, PrimeGrid, LLR
L3278	Fischer1,	PSieve, Srsieve, PrimeGrid, LLR
L3279	Hollander,	PSieve, Srsieve, PrimeGrid, LLR
L3289	Evans1,	PSieve, Srsieve, PrimeGrid, LLR
L3290	Bednar1,	PSieve, Srsieve, PrimeGrid, LLR
L3294	Bartlett,	PSieve, Srsieve, PrimeGrid, LLR
L3312	Perchenko,	PSieve, Srsieve, PrimeGrid, LLR
L3313	Yost,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3323	Ritschel,	NewPGen, TOPS, LLR
L3325	Elvy,	PSieve, Srsieve, PrimeGrid, LLR
L3329	Tatearka,	PSieve, Srsieve, PrimeGrid, LLR
L3335	Kramer2,	PSieve, Srsieve, PrimeGrid, LLR
L3336	Dongen,	Siemelink, Srsieve, LLR
L3338	DeJesus,	PSieve, Srsieve, PrimeGrid, LLR
L3343	Woerner,	PSieve, Srsieve, PrimeGrid, LLR
L3344	Fausten,	PSieve, Srsieve, PrimeGrid, LLR
L3345	Domanov1,	PSieve, Rieselprime, LLR
L3354	Willig,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3372	Ryan,	PSieve, Srsieve, PrimeGrid, LLR
L3377	Ollivier,	PSieve, Srsieve, PrimeGrid, LLR
L3378	Glasgow,	PSieve, Srsieve, PrimeGrid, LLR
L3385	Rassokhin,	PSieve, Srsieve, PrimeGrid, LLR
L3397	Volf,	PSieve, Srsieve, PrimeGrid, LLR
L3405	Odom,	PSieve, Srsieve, PrimeGrid, LLR
L3409	Rehnberg,	PSieve, Srsieve, PrimeGrid, LLR
L3410	Kurtovic,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR

	<u>code</u>	<u>description</u>
L3412	Niermann,	PSieve, Srsieve, PrimeGrid, LLR
L3415	Johnston1,	PSieve, Srsieve, PrimeGrid, LLR
L3418	Stein,	PSieve, Srsieve, PrimeGrid, LLR
L3422	Micom,	PSieve, Srsieve, PrimeGrid, LLR
L3423	Collins,	PSieve, Srsieve, PrimeGrid, LLR
L3427	Pasanen,	PSieve, Srsieve, PrimeGrid, LLR
L3428	Cristian,	PSieve, Srsieve, PrimeGrid, LLR
L3430	Durstewitz,	PSieve, Srsieve, PrimeGrid, LLR
L3431	Gahan,	PSieve, Srsieve, PrimeGrid, LLR
L3432	Batalov,	Srsieve, LLR
L3436	Linder,	PSieve, Srsieve, PrimeGrid, LLR
L3439	Huang,	PSieve, Srsieve, PrimeGrid, LLR
L3440	Pelikan,	PSieve, Srsieve, PrimeGrid, LLR
L3441	Ilves,	PSieve, Srsieve, PrimeGrid, LLR
L3444	Crane,	PSieve, Srsieve, PrimeGrid, LLR
L3445	Bishopp,	PSieve, Srsieve, PrimeGrid, LLR
L3446	Marshall3,	PSieve, Srsieve, PrimeGrid, LLR
L3452	Resto,	PSieve, Srsieve, PrimeGrid, LLR
L3453	Benes,	PSieve, Srsieve, PrimeGrid, LLR
L3456	Murai,	PSieve, Srsieve, PrimeGrid, LLR
L3458	Jia,	PSieve, Srsieve, PrimeGrid, LLR
L3459	Boruvka,	PSieve, Srsieve, PrimeGrid, LLR
L3460	Ottusch,	PSieve, Srsieve, PrimeGrid, LLR
L3464	Ferrell,	PSieve, Srsieve, PrimeGrid, LLR
L3465	Sekanina,	PSieve, Srsieve, PrimeGrid, LLR
L3470	Fisan,	PSieve, Srsieve, PrimeGrid, LLR
L3471	Georgijewski,	PSieve, Srsieve, PrimeGrid, LLR
L3472	Hernas,	PSieve, Srsieve, PrimeGrid, LLR
L3473	Mizelle,	PSieve, Srsieve, PrimeGrid, LLR
L3483	Farrow,	PSieve, Srsieve, PrimeGrid, LLR
L3487	Ziemann,	PSieve, Srsieve, PrimeGrid, LLR
L3494	Batalov,	NewPGen, LLR
L3502	Ristic,	PSieve, Srsieve, PrimeGrid, LLR
L3512	Tsuji,	PSieve, Srsieve, PrimeGrid, LLR
L3514	Bishop1,	PSieve, Srsieve, PrimeGrid, OpenPFGW, LLR
L3518	Papendick,	PSieve, Srsieve, PrimeGrid, LLR
L3519	Kurtovic,	PSieve, Srsieve, Rieselprime, LLR
L3523	Brown1,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3528	Batalov,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3532	Batalov,	Gcwsieve, LLR
L3538	Beard1,	PSieve, Srsieve, PrimeGrid, LLR
L3539	Jacobs,	PSieve, Srsieve, PrimeGrid, LLR
L3543	Yama,	PrimeGrid, LLR
L3544	Minovic,	Gcwsieve, GenWoodall, LLR
L3545	Eskam1,	PSieve, Srsieve, PrimeGrid, LLR
L3547	Ready,	Srsieve, PrimeGrid, LLR
L3548	Ready,	PSieve, Srsieve, PrimeGrid, LLR
L3549	Hirai,	Srsieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L3552	Benson2, Srsieve,	<u>PrimeGrid, LLR</u>
L3553	Cilliers, Srsieve,	<u>PrimeGrid, LLR</u>
L3555	Cervelle, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3562	Schouten, Srsieve,	<u>PrimeGrid, LLR</u>
L3564	Jaworski, Srsieve,	<u>CRUS, LLR</u>
L3566	Slakans, Srsieve,	<u>PrimeGrid, LLR</u>
L3567	Meili, Srsieve,	<u>PrimeGrid, LLR</u>
L3573	Batalov, TwinGen,	<u>PrimeGrid, LLR</u>
L3577	Sriworarat, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3580	Nelson1, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3586	Wharton, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3588	Matousek, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3593	Veit, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3601	Jablonski1, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3606	Sander, TwinGen,	<u>PrimeGrid, LLR</u>
L3610	Batalov, Srsieve,	<u>CRUS, LLR</u>
L3612	Smits, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3625	Haymoz, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3630	Brebois, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3640	Stopper, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3641	Adams4, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3650	Smit, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3658	Furushima, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3659	Volynsky, Srsieve,	<u>PrimeGrid, LLR</u>
L3662	Schawe, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3665	Kelava1, PSieve, Srsieve,	<u>Rieselprime, LLR</u>
L3666	Bielecki, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3668	Prokopchuk, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3682	Schaible, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3686	Yost, Srsieve,	<u>PrimeGrid, LLR</u>
L3688	Hasznos, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3691	Williams5, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3696	Linderson, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3700	Kim4, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3709	Buss, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3719	Skinner, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3720	Ohno, Srsieve,	<u>PrimeGrid, LLR</u>
L3728	Rietveld, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3731	Deram, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3733	Bryniarski, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3735	Kurtovic, Srsieve,	<u>LLR</u>
L3736	Lukosevisius, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3737	Cartiaux, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3738	Larsson1, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3739	Gournay, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3743	Parker1, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3744	Green1, PSieve, Srsieve,	<u>PrimeGrid, LLR</u>
L3749	Meador, Srsieve,	<u>PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
L3760	Okazaki,	PSieve, Srsieve, PrimeGrid, LLR
L3763	Martin4,	PSieve, Srsieve, PrimeGrid, LLR
L3764	Diepeveen,	PSieve, Srsieve, Rieselprime, LLR
L3765	Ruch,	TwinGen, PrimeGrid, LLR
L3767	Huang1,	PSieve, Srsieve, PrimeGrid, LLR
L3770	Tang,	Srsieve, PrimeGrid, LLR
L3772	Ottusch,	Srsieve, PrimeGrid, LLR
L3784	Cavanaugh,	PSieve, Srsieve, PrimeGrid, LLR
L3785	Reichel,	PSieve, Srsieve, PrimeGrid, LLR
L3787	Palumbo,	PSieve, Srsieve, PrimeGrid, LLR
L3789	Toda,	Srsieve, PrimeGrid, LLR
L3790	Tamagawa,	PSieve, Srsieve, PrimeGrid, LLR
L3797	Schmidt3,	PSieve, Srsieve, PrimeGrid, LLR
L3800	Amschl,	PSieve, Srsieve, PrimeGrid, LLR
L3802	Aggarwal,	Srsieve, LLR
L3803	Bredl,	PSieve, Srsieve, PrimeGrid, LLR
L3810	Radle,	PSieve, Srsieve, PrimeGrid, LLR
L3813	Chambers2,	PSieve, Srsieve, PrimeGrid, LLR
L3824	Mazzucato,	PSieve, Srsieve, PrimeGrid, LLR
L3829	Abrahmi,	TwinGen, PrimeGrid, LLR
L3838	Boyden,	PSieve, Srsieve, PrimeGrid, LLR
L3839	Batalov,	EMSieve, LLR
L3843	Whiteley,	PSieve, Srsieve, PrimeGrid, LLR
L3844	Sorbera,	PSieve, Srsieve, NPLB, LLR
L3849	Smith10,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3855	Lunner,	PSieve, Srsieve, PrimeGrid, LLR
L3857	Hudec,	PSieve, Srsieve, PrimeGrid, LLR
L3859	Clifton,	PSieve, Srsieve, PrimeGrid, LLR
L3860	Cimrman,	PSieve, Srsieve, PrimeGrid, LLR
L3861	Roemer,	PSieve, Srsieve, PrimeGrid, LLR
L3862	Gudenschwager,	PSieve, Srsieve, PrimeGrid, LLR
L3863	WaldenForrest,	PSieve, Srsieve, PrimeGrid, LLR
L3864	Piantoni,	PSieve, Srsieve, PrimeGrid, LLR
L3865	Silva,	PSieve, Srsieve, PrimeGrid, LLR
L3867	Traebert,	PSieve, Srsieve, PrimeGrid, LLR
L3868	Miller3,	PSieve, Srsieve, PrimeGrid, LLR
L3869	Cholt,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3870	Inouye,	PSieve, Srsieve, NPLB, LLR
L3873	Sala,	PSieve, Srsieve, PrimeGrid, LLR
L3876	Aprutesei,	PSieve, Srsieve, PrimeGrid, LLR
L3877	Jarne,	PSieve, Srsieve, PrimeGrid, LLR
L3886	Vogel,	Srsieve, CRUS, LLR
L3887	Byerly,	PSieve, Rieselprime, LLR
L3890	Beeson,	PSieve, Srsieve, PrimeGrid, LLR
L3895	Englehard,	PSieve, Srsieve, PrimeGrid, LLR
L3898	Christy,	PSieve, Srsieve, PrimeGrid, LLR
L3903	Miao,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3904	Darimont,	Srsieve, PrimeGrid, SierpinskiRiesel, LLR

	<u>code</u>	<u>description</u>
L3909	Taylor2, PSieve, Srsieve, PrimeGrid, LLR	
L3910	Bischof, PSieve, Srsieve, PrimeGrid, LLR	
L3913	Kadohara, PSieve, Srsieve, PrimeGrid, LLR	
L3914	Matsuda, PSieve, Srsieve, PrimeGrid, LLR	
L3917	Rodenkirch, PSieve, Srsieve, LLR	
L3919	Pickering, PSieve, Srsieve, PrimeGrid, LLR	
L3924	Kim5, PSieve, Srsieve, PrimeGrid, LLR	
L3925	Okazaki, Srsieve, PrimeGrid, LLR	
L3933	Batalov, PSieve, Srsieve, CRUS, Rieselprime, LLR	
L3941	Lee8, PSieve, Srsieve, PrimeGrid, LLR	
L3961	Darimont, Srsieve, PrimeGrid, LLR	
L3964	Iakovlev, Srsieve, PrimeGrid, LLR	
L3967	Inouye, PSieve, Srsieve, Rieselprime, LLR	
L3972	Clark, PSieve, Srsieve, PrimeGrid, LLR	
L3975	Hou, PSieve, Srsieve, PrimeGrid, LLR	
L3993	Gushchak, Srsieve, PrimeGrid, LLR	
L3994	Domanov1, PSieve, Srsieve, NPLB, LLR	
L3995	Unbekannt, PSieve, Srsieve, PrimeGrid, LLR	
L3998	Rossmann, PSieve, Srsieve, PrimeGrid, LLR	
L4001	Willig, Srsieve, CRUS, LLR	
L4016	Bedenbaugh, PSieve, Srsieve, PrimeGrid, LLR	
L4021	Busse, PSieve, Srsieve, PrimeGrid, LLR	
L4026	Batalov, Cyclo, EMSieve, PIES, LLR	
L4031	Darney, PSieve, Srsieve, PrimeGrid, LLR	
L4034	Vanc, Srsieve, PrimeGrid, LLR	
L4036	Domanov1, PSieve, Srsieve, CRUS, LLR	
L4040	Oddone, PSieve, Srsieve, PrimeGrid, LLR	
L4043	Niedbala, PSieve, Srsieve, PrimeGrid, LLR	
L4045	Chew, PSieve, Srsieve, PrimeGrid, LLR	
L4061	Lee, PSieve, Srsieve, PrimeGrid, LLR	
L4063	Kemenes, PSieve, Srsieve, PrimeGrid, LLR	
L4064	Davies, Srsieve, CRUS, LLR	
L4076	Lacroix, PSieve, Srsieve, NPLB, LLR	
L4082	Zimmerman, PSieve, Srsieve, PrimeGrid, LLR	
L4083	Charrondiere, PSieve, Srsieve, PrimeGrid, LLR	
L4087	Kecic, PSieve, Srsieve, PrimeGrid, LLR	
L4088	Graeber, PSieve, Srsieve, PrimeGrid, LLR	
L4094	Garnett, TwinGen, PSearch, PRP, LLR	
L4099	Nietering, PSieve, Srsieve, PrimeGrid, LLR	
L4103	Kloppfleisch, Srsieve, PrimeGrid, LLR	
L4106	Ga, PSieve, Srsieve, PrimeGrid, LLR	
L4108	Yoshioka, PSieve, Srsieve, PrimeGrid, LLR	
L4109	Palmer1, PSieve, Srsieve, PrimeGrid, LLR	
L4111	Leps1, PSieve, Srsieve, PrimeGrid, LLR	
L4113	Batalov, PSieve, Srsieve, LLR	
L4114	Bubloski, PSieve, Srsieve, PrimeGrid, LLR	
L4118	Slegel, PSieve, Srsieve, PrimeGrid, LLR	
L4119	Nelson3, PSieve, Srsieve, PrimeGrid, LLR	

	<u>code</u>	<u>description</u>
L4122	Sasaki1,	PSieve, Srsieve, PrimeGrid, LLR
L4123	Bush,	PSieve, Srsieve, PrimeGrid, LLR
L4133	Ito,	PSieve, Srsieve, PrimeGrid, LLR
L4139	Hawker,	Srsieve, CRUS, LLR
L4142	Batalov,	CycloSv, EMSieve, PIES, LLR
L4146	Schmidt1,	Srsieve, PrimeGrid, LLR
L4147	Mohacsy,	PSieve, Srsieve, PrimeGrid, LLR
L4148	Glatte,	PSieve, Srsieve, PrimeGrid, LLR
L4155	Jones4,	PSieve, Srsieve, PrimeGrid, LLR
L4159	Schulz5,	Srsieve, PrimeGrid, LLR
L4166	Kwok,	PSieve, LLR
L4169	Vera,	PSieve, Srsieve, PrimeGrid, LLR
L4185	Hoefliger,	PSieve, Srsieve, PrimeGrid, LLR
L4187	Schmidt2,	Srsieve, CRUS, LLR
L4189	Lawrence,	Powell, Srsieve, CRUS, LLR
L4190	Fnasek,	PSieve, Srsieve, PrimeGrid, LLR
L4191	Mahan,	PSieve, Srsieve, PrimeGrid, LLR
L4197	Kumagai1,	Srsieve, PrimeGrid, LLR
L4198	Rawles,	PSieve, Srsieve, PrimeGrid, LLR
L4200	Harste,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4201	Brown1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4203	Azarenko,	PSieve, Srsieve, PrimeGrid, LLR
L4205	Bischof,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4207	Jaamann,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4208	Farrow,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4210	Cholt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4226	Heath,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4231	Schneider1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4245	Greer,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4249	Larsson,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4250	Vogt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4252	Nietering,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4256	Gniesmer,	PSieve, Srsieve, PrimeGrid, LLR
L4261	Webster,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4262	Hutchins,	PSieve, Srsieve, PrimeGrid, LLR
L4267	Batalov,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4269	Romanov,	PSieve, Srsieve, PrimeGrid, LLR
L4273	Rangelrooij,	Srsieve, CRUS, LLR
L4274	AhlforsDahl,	Srsieve, PrimeGrid, LLR
L4276	Borbely,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4283	Crawford1,	PSieve, Srsieve, PrimeGrid, LLR
L4285	Bravin,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4286	Zimmerman,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4287	Suzuki1,	PSieve, Srsieve, PrimeGrid, LLR
L4289	Ito2,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4293	Trunov,	PSieve, Srsieve, PrimeGrid, LLR
L4294	Kurtovic,	Srsieve, CRUS, Prime95, LLR
L4295	Splain,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

code	description
L4303	Thorson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4307	Keller1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4308	Matillek, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4309	Kecic, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4314	DeThomas, PSieve, Srsieve, PrimeGrid, LLR
L4316	Nilsson1, PSieve, Srsieve, PrimeGrid, LLR
L4323	Seisums, PSieve, Srsieve, PrimeGrid, LLR
L4326	Steel, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4329	Okon, Srsieve, LLR
L4330	Hu, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4334	Miller5, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4340	Becker4, Srsieve, PrimeGrid, LLR
L4341	Goetz, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4342	Kaiser1, PolySieve, NewPGen, LLR
L4343	Norton, PSieve, Srsieve, PrimeGrid, LLR
L4345	Karlsson2, Srsieve, CRUS, LLR
L4347	Schaeffer, PSieve, Srsieve, PrimeGrid, LLR
L4348	Burridge, Srsieve, PrimeGrid, LLR
L4352	Fahlenkamp1, PSieve, Srsieve, PrimeGrid, LLR
L4358	Tesarz, PSieve, Srsieve, PrimeGrid, LLR
L4359	Andou, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4362	Mochizuki, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4364	Steinbach, PSieve, Srsieve, PrimeGrid, LLR
L4366	Grabar, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4375	Hall, PSieve, Srsieve, PrimeGrid, LLR
L4380	Rix, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4387	Davies, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4388	Mena, PSieve, Srsieve, PrimeGrid, LLR
L4393	Veit1, Srsieve, CRUS, LLR
L4395	Nilsson1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4398	Greer, Srsieve, PrimeGrid, LLR
L4400	Norman, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4404	Stepnicka, PSieve, Srsieve, PrimeGrid, LLR
L4405	Eckhard, Srsieve, LLR
L4406	Mathers, PSieve, Srsieve, PrimeGrid, LLR
L4408	Fricke, PSieve, Srsieve, PrimeGrid, LLR
L4410	Andresson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4412	Simpson3, PSieve, Srsieve, PrimeGrid, LLR
L4414	Falk, PSieve, Srsieve, PrimeGrid, LLR
L4417	Rasp, PSieve, Srsieve, PrimeGrid, LLR
L4424	Miyauchi, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4425	Weber1, PSieve, Srsieve, PrimeGrid, LLR
L4435	Larsson, Srsieve, PrimeGrid, LLR
L4441	Miyauchi, PSieve, Srsieve, PrimeGrid, LLR
L4444	Terber, Srsieve, CRUS, LLR
L4445	Leudesdorff, PSieve, Srsieve, PrimeGrid, LLR
L4448	Bulanov, PSieve, Srsieve, PrimeGrid, LLR
L4453	Laqua2, Srsieve, CRUS, LLR

	<u>code</u>	<u>description</u>
L4454	Clark5,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4456	Chambers2,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4457	Geiger,	PSieve, Srsieve, PrimeGrid, LLR
L4459	Biscop,	PSieve, Srsieve, PrimeGrid, LLR
L4466	Falk,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4472	Harvanek,	Gcwsieve, MultiSieve, PrimeGrid, LLR
L4476	Shane,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4477	Tennant,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4478	Cox1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4482	Mena,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4488	Vrontakis,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4489	Szreter,	PSieve, Srsieve, PrimeGrid, LLR
L4490	Mazumdar,	PSieve, Srsieve, PrimeGrid, LLR
L4495	Ostaszewski,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4499	Ohsugi,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4500	Pagola,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4501	Eskam1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4504	Sesok,	NewPGen, LLR
L4505	Lind,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4506	Propper,	Batalov, CycloSv, EMSieve, PIES, Prime95, LLR
L4510	Ming,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4511	Donovan1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4518	Primecrunch.com,	Hedges, Srsieve, LLR
L4521	Curtis,	Srsieve, CRUS, LLR
L4522	Lorsung,	PSieve, Srsieve, PrimeGrid, LLR
L4523	Mull,	PSieve, Srsieve, PrimeGrid, LLR
L4525	Kong1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4526	Schoefer,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4527	Fruzynski,	PSieve, Srsieve, PrimeGrid, LLR
L4530	Reynolds1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4531	Butez,	PSieve, Srsieve, PrimeGrid, LLR
L4544	Krauss,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4545	Maloney,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4547	Nair,	TwinGen, NewPGen, LLR
L4548	Sydekum,	Srsieve, CRUS, Prime95, LLR
L4549	Schick,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4550	Terry,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4552	Koski,	PSieve, Srsieve, PrimeGrid, LLR
L4553	Racanelli,	PSieve, Srsieve, PrimeGrid, LLR
L4557	Carnevali,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4559	Okazaki,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4561	Propper,	Batalov, CycloSv, Cyclo, EMSieve, PIES, LLR
L4562	Donovan,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4563	Witte,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4564	DeThomas,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4567	Chida,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4568	Vrontakis,	PSieve, Srsieve, PrimeGrid, LLR
L4575	Gingrich2,	Srsieve, CRUS, LLR

	<u>code</u>	<u>description</u>
L4581	Stein1	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4582	Kinney	PSieve, Srsieve, PrimeGrid, LLR
L4583	Rohmann	PSieve, Srsieve, PrimeGrid, LLR
L4584	Goforth	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4585	Schawe	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4587	Korhonen	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4589	Melvold	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4591	Schwieger	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4593	Mangio	PSieve, Srsieve, PrimeGrid, LLR
L4594	Conti	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4595	Mangio	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4596	Doussy	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4598	Connaughty	PSieve, Srsieve, PrimeGrid, LLR
L4599	Loureiro	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4600	Simbarsky	PSieve, Srsieve, PrimeGrid, LLR
L4609	Elgetz	PSieve, Srsieve, PrimeGrid, LLR
L4613	Machat	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4619	Harvanek	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4620	Kinney	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4622	Jurach	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4623	Dugger	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4626	Iltus	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4629	Chen2	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4645	McKibbon	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4646	Kumsta	PSieve, Srsieve, PrimeGrid, LLR
L4649	Humphries	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4654	Voskoboynikov	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4655	Hartel	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4656	Beck	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4658	Maguin	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4659	AverayJones	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4660	Snow	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4664	Toledo	PSieve, Srsieve, PrimeGrid, LLR
L4665	Szeluga	Kupidura, Banka, LLR
L4666	Slade	PSieve, Srsieve, PrimeGrid, LLR
L4667	Morelli	LLR
L4668	Okazaki	Gcwsieve, MultiSieve, PrimeGrid, LLR
L4669	Schwegler	Srsieve, PrimeGrid, LLR
L4670	Drumm	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4672	Slade	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4673	Okhrimouk	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4675	Lind	Srsieve, PrimeGrid, LLR
L4676	Maloney	Srsieve, PrimeGrid, PrimeSierpinski, LLR
L4677	Provencher	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4678	Huber	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4679	Windischmann	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4683	Bird2	Srsieve, CRUS, LLR
L4684	Sveen	GFNSvCUDA, <u>GeneFer, AthGFNSieve</u> , PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L4685	Masser, Srsieve, CRUS, LLR	
L4686	Whiteley1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4687	Campbell1, PSieve, Srsieve, PrimeGrid, LLR	
L4688	Treitschke, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4689	Gordon2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4690	Brandt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4691	Fruzynski, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4692	Hajek, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4693	Lee3, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4694	Schapendonk, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4695	Goudie, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4696	Plottel, PSieve, Srsieve, PrimeGrid, LLR	
L4697	Sellsted, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4699	Parsonnet, PSieve, Srsieve, PrimeGrid, LLR	
L4700	Liu4, Srsieve, CRUS, LLR	
L4701	Kalus, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4702	Charette, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4703	Pacini, PSieve, Srsieve, PrimeGrid, LLR	
L4704	Kurtovic, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4705	Jessen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4706	Kraemer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4709	Wigginton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4710	Wiedemann, PSieve, Srsieve, PrimeGrid, LLR	
L4711	Closs, PSieve, Srsieve, PrimeGrid, LLR	
L4712	Gravemeyer, PSieve, Srsieve, PrimeGrid, LLR	
L4713	Post, PSieve, Srsieve, PrimeGrid, LLR	
L4714	James1, Srsieve, CRUS, LLR	
L4715	Skinner1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4717	Wypych, PSieve, Srsieve, PrimeGrid, LLR	
L4718	Brown1, Gcwsieve, MultiSieve, PrimeGrid, LLR	
L4720	Gahan, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4722	Cowles, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4723	Lexut, PSieve, Srsieve, PrimeGrid, LLR	
L4724	Thonon, PSieve, Srsieve, PrimeGrid, LLR	
L4725	Barton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4726	Miller7, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4729	Wimmer1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4730	Bowe, PSieve, Srsieve, PrimeGrid, LLR	
L4731	Goodman, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4732	Miller7, PSieve, Srsieve, PrimeGrid, LLR	
L4733	Brazier, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4734	Howe, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4736	Prestemon, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4737	Reinhardt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4738	Gelhar, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4740	Silva1, PSieve, Srsieve, PrimeGrid, LLR	
L4741	Wong, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4742	Schlereth, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	

	<u>code</u>	<u>description</u>
L4743	Plsak, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4745	Cavanaugh, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4746	Brech, PSieve, Srsieve,	PrimeGrid, LLR
L4747	Brech, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4751	Holmes, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4752	Harvey2, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4753	Riemann, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4754	Calvin, PSieve, Srsieve,	PrimeGrid, LLR
L4755	Glatte, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4756	Dumange, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4757	Johnson9, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4758	Walling, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4759	Sites, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4760	Sipes, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4761	Romaidis, PSieve, Srsieve,	PrimeGrid, LLR
L4762	Goetz, PSieve, Srsieve,	PrimeGrid, LLR
L4763	Guilleminot, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4764	McLean2, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4765	Kumsta, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4767	Jones4, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4772	Bird1, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4773	Tohmola, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4774	Boehm, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4775	Steinbach, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4776	Lee7, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4777	Kampmeier, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4780	Harvey, Gcwsieve, MultiSieve,	GenWoodall, LLR
L4783	Marini, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4784	Bertolotti, Gcwsieve, MultiSieve,	PrimeGrid, LLR
L4786	Sydekum, Srsieve, CRUS,	LLR
L4787	Sunderland, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4788	Griffin1, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4789	Kurtovic, Srsieve, Prime95,	LLR
L4791	Vaisanen, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4793	Koski, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4795	Lawson2, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4796	White2, PSieve, Srsieve,	PrimeGrid, LLR
L4799	Vanderveen1, LLR	
L4800	Doenges, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4802	Jones5, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4803	Goulis, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4806	Rajala, Srsieve, CRUS,	LLR
L4807	Tsuji, Srsieve, PrimeGrid,	LLR
L4808	Kaiser1, PolySieve,	LLR
L4809	Bocan, Srsieve, PrimeGrid,	LLR
L4810	Dhuyvetters, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4811	Zaugg, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L4812	Nezumi, LLR	

	<u>code</u>	<u>description</u>
L4813		Ketelsen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4814		Telesz, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4815		Kozisek, PSieve, Srsieve, PrimeGrid, LLR
L4816		Doenges, PSieve, Srsieve, PrimeGrid, LLR
L4817		Furr, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4819		Inci, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4820		Clinton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4821		Svantner, PSieve, Srsieve, PrimeGrid, LLR
L4822		Magklaras, PSieve, Srsieve, PrimeGrid, LLR
L4823		Helm, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4824		Allivato, PSieve, Srsieve, PrimeGrid, LLR
L4826		Soraku, PSieve, Srsieve, PrimeGrid, LLR
L4828		Gahan, LLR
L4830		Eisler1, PSieve, Srsieve, PrimeGrid, LLR
L4831		Ash, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4832		Meekins, Srsieve, CRUS, LLR
L4834		Helm, PSieve, Srsieve, PrimeGrid, LLR
L4835		Katzur, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4836		Benson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4837		Hines, Srsieve, CRUS, LLR
L4839		Harris, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4840		Ylijoki, PSieve, Srsieve, PrimeGrid, LLR
L4841		Baur, PSieve, Srsieve, PrimeGrid, LLR
L4842		Smith11, PSieve, Srsieve, PrimeGrid, LLR
L4843		Hutchins, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4844		Valentino, PSieve, Srsieve, PrimeGrid, LLR
L4846		Dravers, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4848		Adamec, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4849		Burt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4850		Jones5, PSieve, Srsieve, PrimeGrid, LLR
L4851		Schioler, PSieve, Srsieve, PrimeGrid, LLR
L4853		Jackson1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4854		Gory, PSieve, Srsieve, PrimeGrid, LLR
L4856		Kucherov, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4857		Ylijoki, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4858		Koriabine, PSieve, Srsieve, PrimeGrid, LLR
L4859		Wang4, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4861		Thonon, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4862		McNary, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4863		Belolipetskiy, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4864		Freihube, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4865		Schmeisser, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4867		Schmeer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4868		Bergmann, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4869		Ogata, PSieve, Srsieve, PrimeGrid, LLR
L4870		Wharton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4871		Gory, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4872		Raynor, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L4875	Parsonnet,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4876	Tennant,	Srsieve, CRUS, LLR
L4877	Cherenkov,	Srsieve, CRUS, LLR
L4878	McKernan,	PSieve, Srsieve, PrimeGrid, LLR
L4879	Propper,	Batalov, Srsieve, LLR
L4880	Goossens,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4881	Bonath,	Srsieve, LLR
L4882	Liu6,	PSieve, Srsieve, PrimeGrid, LLR
L4883	Hewitt1,	PSieve, Srsieve, PrimeGrid, LLR
L4884	Somer,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4885	Piaive,	PSieve, Srsieve, PrimeGrid, LLR
L4886	Peele,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4887	Hernas,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4889	Hundhausen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4892	Hewitt1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4893	Little,	PSieve, Srsieve, PrimeGrid, LLR
L4894	Bredl,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4897	Tauberger,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4898	Kozisek,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4899	Schioler,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4901	Skahill,	PSieve, Srsieve, PrimeGrid, LLR
L4903	Laurent1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4904	Dunchouk,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4905	Niegocki,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4907	Reinhardt,	PSieve, Srsieve, PrimeGrid, LLR
L4909	Hall,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4911	Calveley,	Srsieve, CRUS, LLR
L4914	Bishop_D,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4916	Nguyen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4917	Corlatti,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4918	Weiss1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4919	Rigamonti,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4920	Walsh,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4921	Kapicioglu,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4922	Bulba,	Sesok, LLR
L4923	Koriabine,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4925	Korolev,	Srsieve, CRUS, LLR
L4926	Shenton,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4927	Smith12,	Srsieve, CRUS, LLR
L4928	Doornink,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4929	Givoni,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4930	Shintani,	PSieve, Srsieve, PrimeGrid, LLR
L4931	Schmeer,	PSieve, Srsieve, PrimeGrid, LLR
L4932	Schroeder2,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4933	Jacques,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4934	Benz,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4935	Simard,	PSieve, Srsieve, PrimeGrid, LLR
L4937	Ito2,	Srsieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L4939	Coscia,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4940	Baur,	Srsieve, CRUS, LLR
L4941	Moreno1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4942	Matheis,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4943	Stroup,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4944	SRBase,	Srsieve, CRUS, LLR
L4945	Meili,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4946	VanDingenen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4947	Doescher,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4948	SchwartzLowe,	PSieve, Srsieve, PrimeGrid, LLR
L4949	Winskill1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4950	Baur,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4951	Niegocki,	PSieve, Srsieve, PrimeGrid, LLR
L4954	Romaidis,	Srsieve, PrimeGrid, LLR
L4955	Grosvenor,	Srsieve, CRUS, LLR
L4956	Merrylees,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4958	Shenton,	PSieve, Srsieve, PrimeGrid, LLR
L4959	Deakin,	PSieve, Srsieve, PrimeGrid, LLR
L4960	Kaiser1,	NewPGen, TPS, LLR
L4961	Vornicu,	LLR
L4962	Baur,	Srsieve, NewPGen, LLR
L4963	Mortimore,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4964	Doescher,	GFNSvCUDA, GeneFer, LLR
L4965	Propper,	LLR
L4968	Kaczala,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4970	Michael,	PSieve, Srsieve, PrimeGrid, LLR
L4971	Shintani,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4972	Greer,	Gcwsieve, MultiSieve, PrimeGrid, LLR
L4973	Landrum,	PSieve, Srsieve, PrimeGrid, LLR
L4974	Monroe,	PSieve, Srsieve, PrimeGrid, LLR
L4975	Thompson5,	Srsieve, CRUS, LLR
L4976	Propper,	Batalov, Gcwsieve, LLR
L4977	Miller8,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4979	Matheis,	PSieve, Srsieve, PrimeGrid, LLR
L4980	Poon1,	PSieve, Srsieve, PrimeGrid, LLR
L4981	MartinezCucalon,	PSieve, Srsieve, PrimeGrid, LLR
L4982	Milligan,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4984	Hemsley,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4985	Veit,	Srsieve, CRUS, LLR
L4986	Bertelloni,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4987	Canossi,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4988	Harris3,	PSieve, Srsieve, PrimeGrid, LLR
L4989	Wei,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4990	Heindl,	PSieve, Srsieve, PrimeGrid, LLR
L4994	Wong,	Srsieve, NewPGen, LLR
L4996	Shushpanov,	PSieve, Srsieve, PrimeGrid, LLR
L4997	Gardner,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4999	Andrews1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L5000	Wimmer2,	Srsieve, CRUS, LLR
L5001	Mamonov,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5002	Kato,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5004	Mortimore,	PSieve, Srsieve, PrimeGrid, LLR
L5005	Hass,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5006	Eisler,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5007	Faith,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5008	Niegocki,	Srsieve, PrimeGrid, LLR
L5009	Jungmann,	Srsieve, LLR
L5010	Karpin,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5011	Strajt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5013	Wypych,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5014	Strokov,	PSieve, Srsieve, PrimeGrid, LLR
L5016	NebredaJunghans,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5017	Ueda,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5018	Nielsen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5019	Ayiomamitis,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5020	Eikelenboom,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5021	Svantner,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5022	Manz,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5023	Schulz6,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5024	Schumacher,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5025	Lexut,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5027	Moudy,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5028	Wendelboe,	PSieve, Srsieve, PrimeGrid, LLR
L5029	Krompolc,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5030	Calvin,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5031	Schumacher,	PSieve, Srsieve, PrimeGrid, LLR
L5033	Ni,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5034	Miller6,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5036	Jung2,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5037	Diepeveen,	Underwood, PSieve, Srsieve, Rieselprime, LLR
L5038	Clemence,	PSieve, Srsieve, PrimeGrid, LLR
L5039	Gilliland,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5040	Heyward,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5041	Wallbaum,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5043	Vanderveen1,	Propper, LLR
L5044	Bergelt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5045	Wallbaum,	PSieve, Srsieve, PrimeGrid, LLR
L5047	Little,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5048	Gauch,	PSieve, Srsieve, PrimeGrid, LLR
L5049	Stephens,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5051	Veit,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5052	Staunton,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5053	Yoshigoe,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5054	Drager,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5055	Sedlacek,	PSieve, Srsieve, PrimeGrid, LLR
L5056	Chu,	GFNSvCUDA, <u>GeneFer, AthGFNSieve</u> , PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L5057	Hauhia,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5059	Kopp,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5061	Cooper5,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5062	Early,	PSieve, Srsieve, PrimeGrid, LLR
L5063	Wendelboe,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5066	Fleischman,	PSieve, Srsieve, PrimeGrid, LLR
L5067	Tirkkonen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5068	Silva1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5069	Friedrichsen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5070	Millerick,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5071	McLean2,	Srsieve, CRUS, LLR
L5072	Romaidis,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5073	Jung2,	PSieve, Srsieve, PrimeGrid, LLR
L5076	Atnashev,	Srsieve, PrimeGrid, LLR
L5077	Martinelli,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5078	McDonald4,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5079	Meditz,	PSieve, Srsieve, PrimeGrid, LLR
L5080	Gahan,	GFNSvCUDA, PrivGfnServer, LLR
L5081	Howell,	Srsieve, PrimeGrid, LLR
L5083	Pickering,	Srsieve, PrimeGrid, LLR
L5084	Yagi,	PSieve, Srsieve, PrimeGrid, LLR
L5085	Strajt,	PSieve, Srsieve, PrimeGrid, LLR
L5087	Coscia,	PSieve, Srsieve, PrimeGrid, LLR
L5088	Hall1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5089	MARSIN,	Srsieve, CRUS, LLR
L5090	Jourdan,	PSieve, Srsieve, PrimeGrid, LLR
L5092	Javens1,	Srsieve, CRUS, LLR
L5093	Kasuya1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5094	Thmmler,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5096	Mauno,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5098	Trice1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5099	Lobring,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5100	Stephens,	PSieve, Srsieve, PrimeGrid, LLR
L5101	Candido,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5102	Liu6,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5103	Foulher,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5104	Gahan,	LLR2, NewPGen, LLR
L5105	Helm,	LLR2, Srsieve, PrivGfnServer, LLR
L5106	Glennie,	PSieve, Srsieve, PrimeGrid, LLR
L5110	Provencher,	PSieve, Srsieve, PrimeGrid, LLR
L5112	Vanderveen1,	Srsieve, CRUS, LLR
L5115	Doescher,	LLR
L5116	Schoeler,	MultiSieve, LLR
L5117	Trunov,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5118	Vanderveen1,	PSieve, Srsieve, PrimeGrid, Rieselprime, LLR
L5120	Greer,	LLR2, PrivGfnServer, LLR
L5121	Spinelli,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5122	Tennant,	LLR2, PrivGfnServer, LLR

	<u>code</u>	<u>description</u>
L5123	Propper, Batalov, EMSieve, LLR	
L5124	Nitobe, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5125	Tirkkonen, PSieve, Srsieve, PrimeGrid, LLR	
L5126	Warach, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5127	Kemenes, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5128	Gulla, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5129	Veit, Srsieve, PrimeGrid, LLR	
L5130	Jourdan, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5132	Clemence, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5134	Cooper5, PSieve, Srsieve, PrimeGrid, LLR	
L5135	AnkerRasch, PSieve, Srsieve, PrimeGrid, LLR	
L5136	Dunchouk, PSieve, Srsieve, PrimeGrid, LLR	
L5137	Bolton, PSieve, Srsieve, PrimeGrid, LLR	
L5138	Jaros1, PSieve, Srsieve, PrimeGrid, LLR	
L5139	Belozersky, PSieve, Srsieve, PrimeGrid, LLR	
L5140	Kaczmarek, PSieve, Srsieve, PrimeGrid, LLR	
L5141	McDevitt, PSieve, Srsieve, PrimeGrid, LLR	
L5142	Volosovsky, PSieve, Srsieve, PrimeGrid, LLR	
L5143	Dickinson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5144	McNary, PSieve, Srsieve, PrimeGrid, LLR	
L5145	Wunderlich, PSieve, Srsieve, PrimeGrid, LLR	
L5147	McDonald4, PSieve, Srsieve, PrimeGrid, LLR	
L5148	Guggolz, PSieve, Srsieve, PrimeGrid, LLR	
L5149	Miller9, PSieve, Srsieve, PrimeGrid, LLR	
L5150	Tapper, PSieve, Srsieve, PrimeGrid, LLR	
L5151	Molne, PSieve, Srsieve, PrimeGrid, LLR	
L5152	Carpenter2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5153	Venklaas, PSieve, Srsieve, PrimeGrid, LLR	
L5154	Karpenko, PSieve, Srsieve, PrimeGrid, LLR	
L5155	Harju, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5156	Dinkel, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5157	Asano, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5158	Zuschlag, PSieve, Srsieve, PrimeGrid, LLR	
L5159	Huetter, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5160	Yao, PSieve, Srsieve, PrimeGrid, LLR	
L5161	Greer, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5162	Thmmler, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5163	Kawamura1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5164	Nishikawa, PSieve, Srsieve, PrimeGrid, LLR	
L5165	AnkerRasch, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5166	Jaros1, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5167	Gelhar, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5168	Hawkinson, PSieve, Srsieve, PrimeGrid, LLR	
L5169	Atnashev, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5170	Soule, PSieve, Srsieve, PrimeGrid, LLR	
L5171	Brown1, LLR2, Srsieve, PrimeGrid, LLR	
L5172	McNary, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5173	Bishop_D, PSieve, Srsieve, PrimeGrid, LLR	

	<u>code</u>	<u>description</u>
L5174	Scalise, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5175	Liiv, PSieve, Srsieve, Rieselprime, LLR	
L5176	Early, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5177	Tapper, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5178	Larsson, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5179	Okazaki, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5180	Laluk, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5181	Atnashev, LLR2, Srsieve, PrimeGrid, LLR	
L5182	Jacques2, PSieve, Srsieve, PrimeGrid, LLR	
L5183	Winskill1, PSieve, Srsieve, PrimeGrid, 12121search, LLR	
L5184	Byerly, PSieve, Srsieve, NPLB, LLR	
L5185	Elgetz, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5186	United, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5187	Jonas, PSieve, Srsieve, PrimeGrid, LLR	
L5188	Wong, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5189	Jackson1, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5190	Whyte, PSieve, Srsieve, PrimeGrid, LLR	
L5191	Kaiser1, NewPGen, LLR	
L5192	Anonymous, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5193	Tapper, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5194	Jonas, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5195	Ridgway, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5196	Sielemann, Srsieve, CRUS, LLR	
L5197	Propper, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5198	Elgetz, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5199	Romaidis, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5200	Terry, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5201	Ford, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5202	Molne, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5203	Topham, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5204	Lachance, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5205	Zuschlag, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5206	Wiseler, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5207	Atnashev, LLR2, PrivGfnServer, LLR	
L5208	Schnur, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5209	Hansen1, SRBase, Srsieve, CRUS, LLR	
L5210	Brech, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5211	Orpen1, Srsieve, CRUS, LLR	
L5212	Novak3, PSieve, Srsieve, PrimeGrid, LLR	
L5213	Smith10, PSieve, Srsieve, PrimeGrid, LLR	
L5214	Dinkel, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5215	Hawkinson, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5216	Brazier, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5217	Wiseler, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5218	Atnashev, LLR2, LLR	
L5219	Fernando, PSieve, Srsieve, PrimeGrid, LLR	
L5220	Jones4, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5221	NeSmith, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	

	<u>code</u>	<u>description</u>
L5222	Wolff, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
L5223	Vera, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5224	Leupold, PSieve, Srsieve,	PrimeGrid, LLR
L5225	Barr1, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5226	Brown1, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5227	Nagayama, Srsieve, CRUS,	LLR
L5228	Jacques, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5229	Karpenko, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5230	Tapper, LLR2, Srsieve,	PrimeGrid, LLR
L5231	Veit, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5232	Bliedung, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5233	Sipes, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5234	Greeley, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5235	Karpinski, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5236	Shenton, LLR2, PSieve, Srsieve, PrivGfnServer,	PrimeGrid, LLR
L5237	Schwieger, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5238	Jourdan, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5239	Strajt, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5240	Pollak, PSieve, Srsieve,	PrimeGrid, LLR
L5241	Wiseler, PSieve, Srsieve,	PrimeGrid, LLR
L5242	Krompolc, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5243	Brandt2, PSieve, Srsieve,	PrimeGrid, LLR
L5244	Zimmermann, PSieve, Srsieve,	PrimeGrid, LLR
L5245	Polansky, PSieve, Srsieve,	PrimeGrid, LLR
L5246	Vaisanen, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5247	Hauhia, PSieve, Srsieve,	PrimeGrid, LLR
L5248	Delgado, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5249	Racanelli, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5250	Nakamura, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5251	Bowe, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5252	Sheridan, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5253	Burt, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5254	Gerstenberger, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5255	Hochwald, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5256	Snow, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5257	Hostbo, PSieve, Srsieve,	PrimeGrid, LLR
L5258	Harju, PSieve, Srsieve,	PrimeGrid, LLR
L5259	Mccausland, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5260	Ostaszewski, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5261	Kim5, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5262	Clark5, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5263	Ito2, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5264	Cholt, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5265	Fleischman, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5266	Sheridan, LLR2, PSieve, Srsieve,	PrimeGrid, LLR
L5267	Schnur, LLR2, Srsieve,	PrimeGrid, LLR
L5268	Polansky, GFNSvCUDA, GeneFer, AthGFNSieve,	PrimeGrid, LLR
L5269	Clemence, LLR2, PSieve, Srsieve,	PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L5270	Hennebert,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5271	Hicks3,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5272	Conner,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5273	McGonegal,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5274	Streifel,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5275	Templin,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5276	Schawe,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5277	McDevitt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5278	Nose,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5279	Schick,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5280	Fries,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5281	Keimer,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5282	Somer,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5283	Hua,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5284	Fischer1,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5285	Merrylees,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5286	Reynolds1,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5287	Thonon,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5288	Heindl,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5289	Nemeth1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5290	Cooper5,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5291	Latge,	PSieve, Srsieve, PrimeGrid, LLR
L5292	Ni,	PSieve, Srsieve, PrimeGrid, LLR
L5293	Peele,	PSieve, Srsieve, PrimeGrid, LLR
L5294	Hewitt1,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5295	Gilliland,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5296	Piaive,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5297	Nakamura,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5298	Kaczmarek,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5299	Corlatti,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5300	Hajek,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5301	Harju,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5302	Davies,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5303	Goossens,	PSieve, Srsieve, PrimeGrid, LLR
L5304	Smith11,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5305	Thanry,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5306	Nemeth1,	PSieve, Srsieve, PrimeGrid, LLR
L5307	Bauer2,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5308	Krauss,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5309	Bishop_D,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5310	Hubbard,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5311	Reich,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5312	Tyndall,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5313	Barnes,	PSieve, Srsieve, Rieselprime, LLR
L5314	Satoh,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5315	Dec,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5316	Walsh,	LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5317	Freeze,	LLR2, PSieve, <u>Srsieve, PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
L5318	Ruber, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5319	Abbey, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5320	Niegocki, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5321	Dark, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5322	Monnin, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5323	Chan1, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5324	Boehm, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5325	Drager, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5326	Deakin, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5327	Shenton, LLR2, Srsieve, LLR	
M	Morain	
MM	Morii	
O	Oakes	
p3	Dohmen, OpenPFGW	
p8	Caldwell, OpenPFGW	
p12	Water, OpenPFGW	
p16	Heuer, OpenPFGW	
p21	Anderson, Robinson, OpenPFGW	
p35	Augustin, NewPGen, OpenPFGW	
p44	Broadhurst, OpenPFGW	
p54	Water, Broadhurst, OpenPFGW	
p58	Glover, Oakes, OpenPFGW	
p65	DavisK, Kuosa, OpenPFGW	
p77	Harvey, MultiSieve, GenWoodall, OpenPFGW	
p85	Marchal, Carmody, Kuosa, OpenPFGW	
p102	Underwood, Frind, OpenPFGW	
p115	DavisK, OpenPFGW	
p148	Yama, Noda, Nohara, NewPGen, MatGFN, PRP, OpenPFGW	
p155	DavisK, NewPGen, OpenPFGW	
p158	Paridon, NewPGen, OpenPFGW	
p166	Yamada, Noda, Nohara, NewPGen, MatGFN, PRP, OpenPFGW	
p168	Cami, OpenPFGW	
p169	Eaton, NewPGen, PRP, OpenPFGW	
p170	Wu_T, Primo, OpenPFGW	
p189	Bohanon, LLR, OpenPFGW	
p190	DiMaria, NewPGen, OpenPFGW	
p193	Irvine, Broadhurst, Primo, OpenPFGW	
p199	Broadhurst, NewPGen, OpenPFGW	
p221	AndersonLee, NewPGen, OpenPFGW	
p235	Bedwell, OpenPFGW	
p236	Cooper, NewPGen, PRP, OpenPFGW	
p252	Oakes, NewPGen, OpenPFGW	
p254	Vogel, Srsieve, CRUS, OpenPFGW	
p255	Siemelink, Srsieve, CRUS, OpenPFGW	
p257	Siemelink, Srsieve, OpenPFGW	
p258	Batalov, Srsieve, CRUS, OpenPFGW	
p259	Underbakke, GenefX64, AthGFNSieve, OpenPFGW	
p260	Harvey, Gcwsieve, <u>MultiSieve, GenWoodall, OpenPFGW</u>	

	<u>code</u>	<u>description</u>
p261	Gunn,	Srsieve, CRUS, OpenPFGW
p262	Vogel,	Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p268	Rodenkirch,	Srsieve, CRUS, OpenPFGW
p269	Zhou,	OpenPFGW
p271	Dettweiler,	Srsieve, CRUS, OpenPFGW
p279	Domanov1,	Srsieve, Rieselprime, Prime95, OpenPFGW
p280	Vogel,	Srsieve, SierpinskiRiesel, OpenPFGW
p281	Domanov1,	Srsieve, NPLB, Prime95, OpenPFGW
p282	Rajala,	NewPGen, OpenPFGW
p286	Batalov,	Srsieve, OpenPFGW
p289	Steine,	Srsieve, CRUS, OpenPFGW
p290	Domanov1,	Fpsieve, PrimeGrid, OpenPFGW
p292	Dausch,	Srsieve, SierpinskiRiesel, OpenPFGW
p294	Batalov,	EMsieve, PIES, LLR, OpenPFGW
p295	Angel,	NewPGen, OpenPFGW
p296	Kaiser1,	Srsieve, LLR, OpenPFGW
p297	Broadhurst,	Srsieve, NewPGen, LLR, OpenPFGW
p300	Gramolin,	NewPGen, OpenPFGW
p301	Winskill1,	Fpsieve, PrimeGrid, OpenPFGW
p302	Gasewicz,	Fpsieve, PrimeGrid, OpenPFGW
p308	DavisK,	Underwood, NewPGen, PrimeForm.egroup, OpenPFGW
p309	Yama,	GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p310	Hubbard,	Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p312	Doggart,	Fpsieve, PrimeGrid, OpenPFGW
p314	Hubbard,	GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p323	Myllyvirta,	Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p325	Broadhurst,	Gcwsieve, MultiSieve, OpenPFGW
p328	Gruenewald,	Srsieve, CRUS, OpenPFGW
p332	Johnson6,	GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p334	Goetz,	GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p338	Tomecko,	GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p341	Schmidt2,	Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p342	Trice,	OpenPFGW
p346	Burt,	Fpsieve, PrimeGrid, OpenPFGW
p350	Koen,	Gcwsieve, GenWoodall, OpenPFGW
p351	Lewis1,	Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p352	Hubbard,	Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p353	Yost,	Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p354	Koen,	Gcwsieve, OpenPFGW
p355	Domanov1,	Srsieve, CRUS, OpenPFGW
p360	Kinne,	Exoo, OpenPFGW
p362	Snow,	Fpsieve, PrimeGrid, OpenPFGW
p363	Batalov,	OpenPFGW
p364	Batalov,	NewPGen, OpenPFGW
p366	Demeyer,	Siemelink, Srsieve, CRUS, OpenPFGW
p373	Morelli,	OpenPFGW
p376	Moore,	Srsieve, CRUS, OpenPFGW
p378	Batalov,	Srsieve, CRUS, <u>LLR, OpenPFGW</u>

	<u>code</u>	<u>description</u>
p379	Batalov, CycloSv, Cyclo,	EMSieve, PIES, OpenPFGW
p382	Oestlin, NewPGen,	OpenPFGW
p383	Maloy,	OpenPFGW
p384	Booker,	OpenPFGW
p385	Rajala, Srsieve, CRUS,	OpenPFGW
p387	Zimmerman, GeneFer, AthGFNSieve, PrimeGrid,	OpenPFGW
p390	Jaworski, Srsieve, Rieselprime, Prime95,	OpenPFGW
p391	Keiser, NewPGen,	OpenPFGW
p394	Fukui, MultiSieve,	OpenPFGW
p395	Angel, Augustin, NewPGen,	OpenPFGW
p396	Ikisugi,	OpenPFGW
p398	Stocker,	OpenPFGW
p399	Kebbaj,	OpenPFGW
p403	Bonath, Cksieve,	OpenPFGW
p405	Propper, Cksieve,	OpenPFGW
p406	DavisK, Luhn, Underwood, NewPGen, PrimeForm_egroup,	OpenPFGW
p407	Lamprecht, Luhn,	OpenPFGW
p408	Batalov, PolySieve,	OpenPFGW
p409	Nielsen1,	OpenPFGW
p410	Brown1, GeneFer, AthGFNSieve, PrivGfnServer,	OpenPFGW
p411	Larsson, GeneFer, AthGFNSieve, PrivGfnServer,	OpenPFGW
p412	Gelhar, Srsieve,	OpenPFGW
p413	Morimoto,	OpenPFGW
p414	Naimi,	OpenPFGW
p415	Doornink, TwinGen,	OpenPFGW
p416	Monnin, LLR2, PrivGfnServer,	OpenPFGW
PM	Mihailescu	
SB10	Agafonov, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB	
SB11	Sunde, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB	
SB12	Szabolcs, Srsieve, SoBSieve, ProthSieve, Ksieve, PrimeGrid, LLR, SB	
SB6	Sundquist, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB	
SB7	Team_Prime_Rib, SoBSieve, ProthSieve, Ksieve, PRP, SB	
SB8	Gordon, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB	
SB9	Hassler, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB	
SG	Gage, Slowinski	
WD	Dubner, Williams, Cruncher	
WM	Williams, Morain	
x13	Renze	
x16	Doumen, Beelen, Unknown	
x20	Irvine, Water, Broadhurst	
x23	Renze, Water, Broadhurst, Primo, OpenPFGW	
x24	Jarai_Z, Farkas, Csajbok, Kasza, Jarai, Unknown	
x25	Water, Broadhurst, Primo, OpenPFGW	
x28	Iskra	
x33	Carmody, Renze, Water, Broadhurst, Primo, OpenPFGW	
x36	Irvine, Carmody, Renze, Water, Broadhurst, Primo, OpenPFGW	
x38	Broadhurst, Primo, OpenPFGW	
x39	Keller, Dubner, Broadhurst, Primo, OpenPFGW	

	code	description
x44		Zhou, Unknown
x45		Batalov, Primo, OpenPFGW, Unknown
x46		Otremba, Fpsieve, OpenPFGW, Unknown
x47		Szekeres, Magyar, Gevay, Farkas, Jarai, Unknown
Y		Young