

# 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	$2^{57885161} - 1$	17425170	G13	13	Mersenne 48??
2	$2^{43112609} - 1$	12978189	G10	08	Mersenne 47??
3	$2^{42643801} - 1$	12837064	G12	09	Mersenne 46??
4	$2^{37156667} - 1$	11185272	G11	08	Mersenne 45?
5	$2^{32582657} - 1$	9808358	G9	06	Mersenne 44?
6	$2^{30402457} - 1$	9152052	G9	05	Mersenne 43?
7	$2^{25964951} - 1$	7816230	G8	05	Mersenne 42
8	$2^{24036583} - 1$	7235733	G7	04	Mersenne 41
9	$2^{20996011} - 1$	6320430	G6	03	Mersenne 40
10	$2^{13466917} - 1$	4053946	G5	01	Mersenne 39
11	$19249 \cdot 2^{13018586} + 1$	3918990	SB10	07	
12	$475856^{524288} + 1$	2976633	L3230	12	Generalized Fermat
13	$356926^{524288} + 1$	2911151	L3209	12	Generalized Fermat
14	$341112^{524288} + 1$	2900832	L3184	12	Generalized Fermat
15	$27653 \cdot 2^{9167433} + 1$	2759677	SB8	05	
16	$90527 \cdot 2^{9162167} + 1$	2758093	L1460	10	
17	$75898^{524288} + 1$	2558647	p334	11	Generalized Fermat
18	$28433 \cdot 2^{7830457} + 1$	2357207	SB7	04	
19	$3 \cdot 2^{7033641} + 1$	2117338	L2233	11	Divides $GF(7033639, 3)$
20	$33661 \cdot 2^{7031232} + 1$	2116617	SB11	07	
21	$2^{6972593} - 1$	2098960	G4	99	Mersenne 38
22	$6679881 \cdot 2^{6679881} + 1$	2010852	L917	09	Cullen
23	$304207 \cdot 2^{6643565} - 1$	1999918	L3547	13	
24	$398023 \cdot 2^{6418059} - 1$	1932034	L3659	13	

rank	description	digits	who	year	comment
25	$1582137 \cdot 2^{6328550} + 1$	1905090	L801	09	Cullen
26	$3 \cdot 2^{6090515} - 1$	1833429	L1353	10	
27	$7 \cdot 2^{5775996} + 1$	1738749	L3325	12	
28	$252191 \cdot 2^{5497878} - 1$	1655032	L3183	12	
29	$258317 \cdot 2^{5450519} + 1$	1640776	g414	08	
30	$773620^{262144} + 1$	1543643	L3118	12	Generalized Fermat
31	$3 \cdot 2^{5082306} + 1$	1529928	L780	09	Divides $GF(5082303, 3)$ , $GF(5082305, 5)$
32	$676754^{262144} + 1$	1528413	L2975	12	Generalized Fermat
33	$5359 \cdot 2^{5054502} + 1$	1521561	SB6	03	
34	$525094^{262144} + 1$	1499526	p338	12	Generalized Fermat
35	$265711 \cdot 2^{4858008} + 1$	1462412	g414	08	
36	$1271 \cdot 2^{4850526} - 1$	1460157	L1828	12	
37	$361658^{262144} + 1$	1457075	p332	11	Generalized Fermat
38	$9 \cdot 2^{4683555} - 1$	1409892	L1828	12	
39	$121 \cdot 2^{4553899} - 1$	1370863	L3023	12	
40	$145310^{262144} + 1$	1353265	p314	11	Generalized Fermat
41	$353159 \cdot 2^{4331116} - 1$	1303802	L2408	11	
42	$141941 \cdot 2^{4299438} - 1$	1294265	L689	11	
43	$15 \cdot 2^{4246384} + 1$	1278291	L3432	13	Divides $GF(4246381, 6)$
44	$3 \cdot 2^{4235414} - 1$	1274988	L606	08	
45	$191 \cdot 2^{4203426} - 1$	1265360	L2484	12	
46	$40734^{262144} + 1$	1208473	p309	11	Generalized Fermat
47	$9 \cdot 2^{4005979} - 1$	1205921	L1828	12	
48	$27 \cdot 2^{3855094} - 1$	1160501	L3033	12	
49	$24518^{262144} + 1$	1150678	g413	08	Generalized Fermat
50	$123547 \cdot 2^{3804809} - 1$	1145367	L2371	11	
51	$415267 \cdot 2^{3771929} - 1$	1135470	L2373	11	
52	$11 \cdot 2^{3771821} + 1$	1135433	p286	13	
53	$938237 \cdot 2^{3752950} - 1$	1129757	L521	07	Woodall
54	$15 \cdot 2^{3668194} - 1$	1104238	L3665	13	
55	$65531 \cdot 2^{3629342} - 1$	1092546	L2269	11	
56	$485767 \cdot 2^{3609357} - 1$	1086531	L622	08	
57	$5 \cdot 2^{3569154} - 1$	1074424	L503	09	
58	$1019 \cdot 2^{3536312} - 1$	1064539	L1828	12	
59	$2 \cdot 10^{1059002} - 1$	1059003	L3432	13	Near-repdigit
60	$7 \cdot 2^{3511774} + 1$	1057151	p236	08	Divides $GF(3511773, 6)$
61	$428639 \cdot 2^{3506452} - 1$	1055553	L2046	11	
62	$9 \cdot 2^{3497442} + 1$	1052836	L1780	12	Generalized Fermat
63	$1273 \cdot 2^{3448551} - 1$	1038121	L1828	12	
64	$191249 \cdot 2^{3417696} - 1$	1028835	L1949	10	
65	$59 \cdot 2^{3408416} - 1$	1026038	L426	10	
66	$81 \cdot 2^{3352924} + 1$	1009333	L1728	12	Generalized Fermat
67	$1087 \cdot 2^{3336385} - 1$	1004355	L1828	12	
68	$464253 \cdot 2^{3321908} - 1$	1000000	L466	13	
69	$191273 \cdot 2^{3321908} - 1$	1000000	L466	13	
70	$3139 \cdot 2^{3321905} - 1$	999997	L185	08	
71	$4847 \cdot 2^{3321063} + 1$	999744	SB9	05	
72	$49 \cdot 2^{3309087} - 1$	996137	L1959	13	
73	$5 \cdot 2^{3264650} - 1$	982759	L384	13	

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74	$223 \cdot 2^{3264459} - 1$	982703	L1884	12	
75	$9 \cdot 2^{3259381} - 1$	981173	L1828	11	
76	$211195 \cdot 2^{3224974} + 1$	970820	L2121	13	
77	$94373 \cdot 2^{3206717} + 1$	965323	L2785	13	
78	$113983 \cdot 2^{3201175} - 1$	963655	L613	08	
79	$1087 \cdot 2^{3164677} - 1$	952666	L1828	12	
80	$15 \cdot 2^{3162659} + 1$	952057	p286	12	
81	$19 \cdot 2^{3155009} - 1$	949754	L1828	12	
82	$3 \cdot 2^{3136255} - 1$	944108	L256	07	
83	$1019 \cdot 2^{3103680} - 1$	934304	L1828	12	
84	$256612 \cdot 5^{1335485} - 1$	933470	L259	13	
85	$5 \cdot 2^{3090860} - 1$	930443	L1862	12	
86	$21 \cdot 2^{3065701} + 1$	922870	p286	12	
87	$5 \cdot 2^{3059698} - 1$	921062	L503	08	
88	$383731 \cdot 2^{3021377} - 1$	909531	L466	11	
89	$46821 \cdot 2^{3021380} - 374567$	909531	p363	13	
90	$2^{3021377} - 1$	909526	G3	98	Mersenne 37
91	$7 \cdot 2^{3015762} + 1$	907836	g279	08	
92	$268514 \cdot 5^{1292240} - 1$	903243	L3562	13	
93	$7 \cdot 10^{902708} + 1$	902709	p342	13	
94	$43 \cdot 2^{2994958} + 1$	901574	L3222	13	
95	$1095 \cdot 2^{2992587} - 1$	900862	L1828	11	
96	$15 \cdot 2^{2988834} + 1$	899730	p286	12	
97	$39 \cdot 2^{2978894} + 1$	896739	L2719	13	
98	$4348099 \cdot 2^{2976221} - 1$	895939	L466	08	
99	$2^{2976221} - 1$	895932	G2	97	Mersenne 36
100	$198677 \cdot 2^{2950515} + 1$	888199	L2121	12	
101	$17 \cdot 2^{2946584} - 1$	887012	L3519	13	
102	$7019 \cdot 10^{881309} - 1$	881313	L3564	13	
103	$25 \cdot 2^{2927222} + 1$	881184	L1935	13	Generalized Fermat
104	$97366 \cdot 5^{1259955} - 1$	880676	L3567	13	
105	$243944 \cdot 5^{1258576} - 1$	879713	L3566	13	
106	$7 \cdot 2^{2915954} + 1$	877791	g279	08	Divides $GF(2915953, 12)$ [g322]
107	$427194 \cdot 113^{427194} + 1$	877069	p310	12	Generalized Cullen
108	$63 \cdot 2^{2898957} + 1$	872675	L3262	13	
109	$11 \cdot 2^{2897409} + 1$	872209	L2973	13	Divides $GF(2897408, 3)$
110	$51 \cdot 2^{2881227} + 1$	867338	L3512	13	
111	$41 \cdot 2^{2872058} - 1$	864578	L2484	13	
112	$1207 \cdot 2^{2861901} - 1$	861522	L1828	11	
113	$222361 \cdot 2^{2854840} + 1$	859398	g403	06	
114	$95 \cdot 2^{2837909} + 1$	854298	L3539	13	
115	$84466 \cdot 5^{1215373} - 1$	849515	L3562	13	
116	$97 \cdot 2^{2820650} + 1$	849103	L2163	13	
117	$107 \cdot 2^{2819922} - 1$	848884	L2484	13	
118	$97 \cdot 2^{2818306} + 1$	848397	L3262	13	
119	$177 \cdot 2^{2816050} + 1$	847718	L129	12	
120	$96 \cdot 10^{846519} - 1$	846521	L2425	11	Near-repdigit
121	$63 \cdot 2^{2807130} + 1$	845033	L3262	13	
122	$150344 \cdot 5^{1205508} - 1$	842620	L3547	13	
123	$400254 \cdot 127^{400254} + 1$	842062	g407	13	Generalized Cullen

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124	$43 \cdot 2^{2795582} + 1$	841556	L2842	13	
125	$15 \cdot 2^{2785940} + 1$	838653	p286	12	
126	$57 \cdot 2^{2765963} + 1$	832640	L3262	13	
127	$77 \cdot 2^{2762047} + 1$	831461	L3430	13	
128	$57 \cdot 2^{2747499} + 1$	827082	L3514	13	Divides Fermat $F(2747497)$
129	$17 \cdot 2^{2721830} - 1$	819354	p294	10	
130	$165 \cdot 2^{2717378} - 1$	818015	L2055	12	
131	$45 \cdot 2^{2711732} + 1$	816315	L1349	12	
132	$39 \cdot 2^{2705367} + 1$	814399	L1576	13	Divides $GF(2705360, 3)$
133	$11 \cdot 2^{2691961} + 1$	810363	p286	13	Divides $GF(2691960, 12)$
134	$1372930^{131072} + 1$	804474	g236	03	Generalized Fermat
135	$1361244^{131072} + 1$	803988	g236	04	Generalized Fermat
136	$1396 \cdot 5^{1146713} - 1$	801522	L3547	13	
137	$1176694^{131072} + 1$	795695	g236	03	Generalized Fermat
138	$13 \cdot 2^{2642943} - 1$	795607	L1862	12	
139	$342673 \cdot 2^{2639439} - 1$	794556	L53	07	
140	$92182 \cdot 5^{1135262} + 1$	793520	L3547	13	
141	$87 \cdot 2^{2630468} + 1$	791852	L3262	13	
142	$17152 \cdot 5^{1131205} - 1$	790683	L3552	13	
143	$1063730^{131072} + 1$	789949	g260	13	Generalized Fermat
144	$1243 \cdot 2^{2623707} - 1$	789818	L1828	11	
145	$87 \cdot 2^{2609046} + 1$	785404	L2520	13	
146	$329584 \cdot 5^{1122935} - 1$	784904	L3553	13	
147	$13 \cdot 2^{2606075} - 1$	784508	L1862	11	
148	$25 \cdot 2^{2583690} + 1$	777770	L3249	13	Generalized Fermat
149	$334310 \cdot 211^{334310} - 1$	777037	p350	12	Generalized Woodall
150	$51 \cdot 2^{2578652} + 1$	776254	L3262	13	
151	$75 \cdot 2^{2562382} - 1$	771356	L2055	11	
152	$147559 \cdot 2^{2562218} + 1$	771310	L764	12	
153	$404 \cdot 12^{714558} + 1$	771141	L1471	11	
154	$9 \cdot 2^{2543551} + 1$	765687	L1204	11	Divides Fermat $F(2543548)$ , $GF(2543549, 3)$ , $GF(2543549, 6)$ , $GF(2543549, 12)$
155	$689186^{131072} + 1$	765243	g429	13	Generalized Fermat
156	$123287 \cdot 2^{2538167} + 1$	764070	L3054	12	
157	$305716 \cdot 5^{1093095} - 1$	764047	L3547	13	
158	$83 \cdot 2^{2537641} + 1$	763908	L1300	13	
159	$33 \cdot 2^{2513872} - 1$	756753	L3345	13	
160	$45 \cdot 2^{2507894} + 1$	754953	L1349	12	
161	$130484 \cdot 5^{1080012} - 1$	754902	L3547	13	
162	$572186^{131072} + 1$	754652	g0	04	Generalized Fermat
163	$165 \cdot 2^{2500130} - 1$	752617	L2055	11	
164	$33 \cdot 2^{2499883} - 1$	752542	L3345	13	
165	$57 \cdot 2^{2492031} + 1$	750178	L1230	13	
166	$3 \cdot 2^{2478785} + 1$	746190	g245	03	Divides Fermat $F(2478782)$ , $GF(2478782, 3)$ , $GF(2478776, 6)$ , $GF(2478782, 12)$
167	$11 \cdot 2^{2476839} + 1$	745604	L2691	11	

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168	$1061 \cdot 2^{2474282} - 1$	744837	L1828	12	
169	$81 \cdot 2^{2468789} + 1$	743182	g418	09	
170	$55154 \cdot 5^{1063213} + 1$	743159	L3543	13	
171	$26773 \cdot 2^{2465343} - 1$	742147	L197	06	
172	$5 \cdot 2^{2460482} - 1$	740680	L503	08	
173	$41676 \cdot 7^{875197} - 1$	739632	L2777	12	Generalized Woodall
174	$75 \cdot 2^{2446050} + 1$	736337	L3035	13	
175	$114986 \cdot 5^{1052966} - 1$	735997	L3528	13	
176	$386892^{131072} + 1$	732377	p259	09	Generalized Fermat
177	$23 \cdot 2^{2425641} + 1$	730193	L2675	11	
178	$69 \cdot 2^{2410035} - 1$	725495	L2074	13	
179	$243686 \cdot 5^{1036954} - 1$	724806	L3549	13	
180	$15 \cdot 2^{2393365} + 1$	720476	L1349	10	
181	$99 \cdot 2^{2383846} + 1$	717612	L1780	13	
182	$737 \cdot 2^{2382804} - 1$	717299	L191	07	
183	$61 \cdot 2^{2381887} - 1$	717022	L2432	12	
184	$1117 \cdot 2^{2373977} - 1$	714642	L1828	12	
185	$99 \cdot 2^{2370390} + 1$	713561	L1204	13	
186	$1183953 \cdot 2^{2367907} - 1$	712818	L447	07	Woodall
187	[ Long prime 187 ]	712748	p360	13	
188	$119878 \cdot 5^{1019645} - 1$	712707	L3528	13	
189	$150209! + 1$	712355	p3	11	Factorial
190	$2683 \cdot 2^{2360743} - 1$	710658	L1959	12	
191	$45 \cdot 2^{2347187} + 1$	706576	L1349	12	
192	$127 \cdot 2^{2346377} - 1$	706332	L282	09	
193	$33 \cdot 2^{2345001} + 1$	705918	L2322	13	
194	$83 \cdot 2^{2342345} + 1$	705119	L2626	13	
195	$275293 \cdot 2^{2335007} - 1$	702913	L193	06	
196	$228188^{131072} + 1$	702323	g124	10	Generalized Fermat
197	$147855! - 1$	700177	p362	13	Factorial
198	$15 \cdot 2^{2323205} - 1$	699356	L2484	11	
199	$1983 \cdot 366^{271591} - 1$	696222	L2054	12	
200	$3 \cdot 2^{2312734} - 1$	696203	L158	05	
201	$450457 \cdot 2^{2307905} - 1$	694755	L172	06	
202	$1087 \cdot 2^{2293345} - 1$	690369	L1828	11	
203	$97768 \cdot 5^{987383} - 1$	690157	L1016	13	
204	$3 \cdot 2^{2291610} + 1$	689844	L753	08	Divides $GF(2291607, 3)$ , $GF(2291609, 5)$
205	$93 \cdot 2^{2263894} + 1$	681502	L2826	13	
206	$217499 \cdot 28^{470508} - 1$	680905	p366	13	
207	$65 \cdot 2^{2250637} + 1$	677512	L3487	13	
208	$374565 \cdot 2^{2247391} + 1$	676538	L3532	13	Generalized Cullen
209	$35 \cdot 2^{2241049} + 1$	674625	L2742	13	
210	$831 \cdot 2^{2235253} + 1$	672882	L3432	13	
211	$103 \cdot 2^{2232551} - 1$	672067	L2484	13	
212	$11 \cdot 2^{2230369} + 1$	671410	L2561	11	Divides $GF(2230368, 3)$
213	$130816^{131072} + 1$	670651	g308	03	Generalized Fermat
214	$27 \cdot 2^{2218064} + 1$	667706	L690	09	
215	$67 \cdot 2^{2215581} - 1$	666959	L268	10	
216	$33 \cdot 2^{2215291} - 1$	666871	L3345	13	

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217	$157533 \cdot 2^{2214598} - 1$	666666	L3494	13	
218	$33 \cdot 2^{2212971} - 1$	666173	L3345	13	
219	$3 \cdot 10^{665829} + 1$	665830	p300	12	
220	$165 \cdot 2^{2207550} - 1$	664541	L2055	11	
221	$19 \cdot 2^{2206266} + 1$	664154	p189	06	
222	$2 \cdot 179^{294739} + 1$	664004	g424	11	Divides $Phi(179^{294739}, 2)$
223	$5077 \cdot 2^{2198565} - 1$	661838	L251	08	
224	$114487 \cdot 2^{2198389} - 1$	661787	L179	06	
225	$404882 \cdot 43^{404882} - 1$	661368	p310	11	Generalized Woodall
226	$39 \cdot 2^{2188855} + 1$	658913	p286	13	
227	$196597 \cdot 2^{2178109} - 1$	655682	L175	06	
228	$70082 \cdot 5^{936972} - 1$	654921	L3523	13	
229	$69 \cdot 2^{2174213} - 1$	654506	L2055	12	
230	$7 \cdot 2^{2167800} + 1$	652574	g279	07	Divides Fermat $F(2167797)$ , $GF(2167799, 5)$ , $GF(2167799, 10)$
231	$21 \cdot 2^{2160479} - 1$	650371	L2074	12	
232	$102976 \cdot 5^{929801} - 1$	649909	L3313	13	
233	$31340 \cdot 6^{833096} + 1$	648280	p271	13	
234	$111 \cdot 2^{2150802} - 1$	647458	L2484	13	
235	$67 \cdot 2^{2148060} + 1$	646633	L3276	13	
236	$3 \cdot 2^{2145353} + 1$	645817	g245	03	Divides Fermat $F(2145351)$ , $GF(2145351, 3)$ , $GF(2145352, 5)$ , $GF(2145348, 6)$ , $GF(2145352, 10)$ , $GF(2145351, 12)$
237	$25 \cdot 2^{2141884} + 1$	644773	L1741	11	Divides Fermat $F(2141872)$ , $GF(2141871, 5)$ , $GF(2141872, 10)$ ; generalized Fermat
238	$23 \cdot 2^{2141626} - 1$	644696	L545	08	
239	$7 \cdot 2^{2139912} + 1$	644179	g279	07	Divides $GF(2139911, 12)$
240	$292402 \cdot 159^{292402} + 1$	643699	g407	12	Generalized Cullen
241	$61 \cdot 2^{2134577} - 1$	642574	L2055	11	
242	$75 \cdot 2^{2130432} - 1$	641326	L2055	11	
243	$110488 \cdot 5^{917100} + 1$	641031	L3354	13	
244	$37 \cdot 2^{2128328} + 1$	640693	L3422	13	
245	$8331405 \cdot 2^{2120345} - 1$	638295	L2055	13	
246	$33 \cdot 2^{2118570} - 1$	637755	L3345	13	
247	$254 \cdot 5^{911506} - 1$	637118	p292	10	
248	$57 \cdot 2^{2103370} - 1$	633180	L2055	11	
249	$35 \cdot 2^{2099769} + 1$	632095	L3432	13	
250	$62722^{131072} + 1$	628808	g308	03	Generalized Fermat
251	$85 \cdot 2^{2087651} - 1$	628448	L2338	13	
252	$563528 \cdot 13^{563528} - 1$	627745	p262	09	Generalized Woodall
253	$437960 \cdot 3^{1313880} + 1$	626886	L2777	12	Generalized Cullen
254	$269328 \cdot 211^{269328} + 1$	626000	p354	12	Generalized Cullen
255	$79 \cdot 2^{2078162} + 1$	625591	L2117	13	
256	$1003 \cdot 2^{2076535} - 1$	625103	L51	08	

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257	$2186 \cdot 7^{739474} - 1$	624932	p258	11	
258	$73 \cdot 2^{2075936} + 1$	624921	L3464	13	
259	$65 \cdot 2^{2073229} + 1$	624106	L1480	13	
260	$73 \cdot 2^{2071592} + 1$	623614	L1480	13	
261	$9 \cdot 2^{2060941} - 1$	620407	L503	08	
262	$3 \cdot 10^{618853} + 1$	618854	p300	12	
263	$71 \cdot 2^{2051313} + 1$	617509	L1480	13	
264	$75 \cdot 2^{2050637} - 1$	617306	L2055	11	
265	$73 \cdot 2^{2048754} + 1$	616739	L3432	13	
266	$121 \cdot 2^{2033941} - 1$	612280	L162	06	
267	$57 \cdot 2^{2033643} + 1$	612190	L3432	13	
268	$8 \cdot 10^{608989} - 1$	608990	p297	11	Near-repdigit
269	$59506 \cdot 6^{780877} + 1$	607646	p254	13	
270	$45 \cdot 2^{2014557} + 1$	606444	L1349	12	Divides $GF(2014552, 10)$
271	$251749 \cdot 2^{2013995} - 1$	606279	L436	07	Woodall
272	$428551 \cdot 2^{2006520} + 1$	604029	g411	11	
273	$77 \cdot 2^{2002742} - 1$	602888	L2074	13	
274	$19861029 \cdot 2^{1995311} - 1$	600656	L895	13	
275	$261 \cdot 2^{1995105} + 1$	600589	L3378	13	
276	$497 \cdot 2^{1994051} + 1$	600272	L2413	13	
277	$8331405 \cdot 2^{1993674} - 1$	600163	L260	11	
278	$467917 \cdot 2^{1993429} - 1$	600088	L160	05	
279	$137137 \cdot 2^{1993201} - 1$	600019	L321	07	
280	$209 \cdot 2^{1992071} + 1$	599676	L3422	13	
281	$17 \cdot 2^{1990299} + 1$	599141	g267	06	Divides $GF(1990298, 3)$
282	$101 \cdot 2^{1988279} + 1$	598534	L3141	13	Divides $GF(1988278, 12)$
283	$135 \cdot 2^{1987735} + 1$	598370	L1300	13	
284	$162434 \cdot 5^{856004} - 1$	598327	L3410	13	
285	$174344 \cdot 5^{855138} - 1$	597722	L3354	13	
286	$8331405 \cdot 2^{1984565} - 1$	597421	L260	11	
287	$445 \cdot 2^{1980900} + 1$	596313	L3577	13	
288	$25 \cdot 2^{1977369} - 1$	595249	L426	08	
289	$148323 \cdot 2^{1973319} - 1$	594034	L587	11	
290	$549 \cdot 2^{1971183} + 1$	593388	L2840	13	
291	$441 \cdot 2^{1968431} + 1$	592560	L3035	13	
292	$203 \cdot 2^{1966689} + 1$	592035	L1408	13	
293	$273 \cdot 2^{1966630} + 1$	592018	L2532	13	
294	$93 \cdot 2^{1965880} + 1$	591791	L1210	11	
295	$253 \cdot 2^{1965215} - 1$	591592	L3345	12	
296	$175 \cdot 2^{1962288} + 1$	590710	L2137	13	Divides $GF(1962284, 10)$
297	$113 \cdot 2^{1960341} + 1$	590124	L3091	13	
298	$57406 \cdot 5^{844253} - 1$	590113	L3313	12	
299	$225 \cdot 2^{1960083} + 1$	590047	L3548	13	Divides $GF(1960078, 6)$
300	$129 \cdot 2^{1956915} + 1$	589093	L2826	13	
301	$229 \cdot 2^{1956294} + 1$	588906	L3548	13	
302	$74 \cdot 500^{218184} - 1$	588874	p355	13	
303	$112 \cdot 113^{286643} - 1$	588503	L426	12	
304	$673 \cdot 2^{1954456} + 1$	588353	L3666	13	
305	$121 \cdot 2^{1954243} - 1$	588288	L162	06	
306	$351 \cdot 2^{1954003} + 1$	588217	L2413	13	

rank	description	digits	who	year	comment
307	$641 \cdot 2^{1952941} + 1$	587897	L3487	13	
308	$313 \cdot 2^{1949544} + 1$	586874	L2520	13	
309	$539 \cdot 2^{1949135} + 1$	586751	L1130	13	
310	$111 \cdot 2^{1946322} - 1$	585904	L2484	12	
311	$639 \cdot 2^{1945473} + 1$	585649	L2649	13	
312	$417 \cdot 2^{1943755} + 1$	585132	L3173	13	
313	$89 \cdot 2^{1943337} + 1$	585005	L2413	11	
314	$269 \cdot 2^{1942389} + 1$	584720	L3548	13	
315	$193 \cdot 2^{1940804} + 1$	584243	L3418	13	
316	$221 \cdot 2^{1940211} + 1$	584065	L2327	13	
317	$575 \cdot 2^{1938673} + 1$	583602	L2019	13	
318	$555 \cdot 2^{1937595} + 1$	583277	L2826	13	
319	$239 \cdot 2^{1936025} + 1$	582804	L1741	13	
320	$182627 \cdot 2^{1934664} - 1$	582398	L3336	12	
321	$363 \cdot 2^{1932724} + 1$	581811	L3171	13	
322	$143 \cdot 2^{1932112} - 1$	581626	L1828	12	
323	$48764 \cdot 5^{831946} - 1$	581510	L3313	12	
324	$387 \cdot 2^{1930200} + 1$	581051	L1129	13	
325	$735 \cdot 2^{1929225} + 1$	580758	L3378	13	
326	$214519 \cdot 2^{1929114} + 1$	580727	g346	06	
327	$2 \cdot 47^{346759} + 1$	579816	g424	11	Divides $Phi(47^{346759}, 2)$
328	$633 \cdot 2^{1925684} + 1$	579692	L1408	13	
329	$243 \cdot 2^{1923567} - 1$	579054	L2055	11	
330	$319 \cdot 2^{1923378} + 1$	578997	L3548	13	
331	$625 \cdot 2^{1921056} + 1$	578299	L3378	13	Generalized Fermat
332	$157 \cdot 2^{1920152} + 1$	578026	L2494	13	
333	$133631 \cdot 28^{398790} - 1$	577118	p255	13	
334	$191 \cdot 2^{1916611} + 1$	576960	L1792	13	
335	$207 \cdot 2^{1913067} + 1$	575893	L1741	13	
336	$85 \cdot 2^{1910520} + 1$	575126	L2703	11	
337	$267 \cdot 2^{1909876} - 1$	574933	L1828	13	
338	$621 \cdot 2^{1909716} + 1$	574885	L2117	13	
339	$611 \cdot 2^{1909525} + 1$	574828	L2413	13	
340	$435 \cdot 2^{1908579} + 1$	574543	L3385	13	
341	$291 \cdot 2^{1907541} - 1$	574230	L2484	13	
342	$573 \cdot 2^{1907450} + 1$	574203	L2520	13	
343	$27 \cdot 2^{1902689} - 1$	572768	L1153	09	
344	$553 \cdot 2^{1902102} + 1$	572593	L2520	13	
345	$633 \cdot 2^{1897632} + 1$	571247	L1741	13	
346	$707 \cdot 2^{1895035} + 1$	570466	L3035	13	
347	$687 \cdot 2^{1891730} + 1$	569471	L3221	13	
348	$87 \cdot 2^{1891391} + 1$	569368	L2673	11	
349	$85287 \cdot 2^{1890011} + 1$	568955	p254	11	
350	$221 \cdot 2^{1889983} + 1$	568944	L1741	13	
351	$585 \cdot 2^{1887819} + 1$	568293	L3171	13	
352	$347 \cdot 2^{1887507} + 1$	568199	L3548	13	
353	$791 \cdot 2^{1885961} + 1$	567734	L3075	13	
354	$485 \cdot 2^{1884579} + 1$	567318	L3548	13	
355	$693 \cdot 2^{1881882} + 1$	566506	L2322	13	
356	$639 \cdot 2^{1880451} + 1$	566075	L3141	13	



rank	description	digits	who	year	comment
357	$277 \cdot 2^{1880022} + 1$	565946	L3418	13	
358	$89 \cdot 2^{1879132} - 1$	565678	L1828	13	
359	$441 \cdot 2^{1879067} + 1$	565659	L2840	13	
360	$729 \cdot 2^{1877995} + 1$	565336	L1792	13	
361	$645 \cdot 2^{1877756} + 1$	565264	L2981	13	
362	$613 \cdot 2^{1876758} + 1$	564964	L2413	13	
363	$267 \cdot 2^{1876604} + 1$	564917	L1792	13	
364	$345067 \cdot 2^{1876573} - 1$	564911	g59	05	
365	$495 \cdot 2^{1874077} + 1$	564157	L1344	13	
366	$71 \cdot 2^{1873569} + 1$	564003	L1223	11	Divides $GF(1873568, 5)$
367	$21 \cdot 2^{1872923} - 1$	563808	L2074	12	
368	$735 \cdot 2^{1870118} + 1$	562965	L3075	13	
369	$575 \cdot 2^{1869989} + 1$	562926	L3650	13	
370	$315 \cdot 2^{1869119} - 1$	562664	L2235	12	
371	$503 \cdot 2^{1868417} + 1$	562453	L3378	13	
372	$407 \cdot 2^{1864735} + 1$	561344	L2520	13	
373	$489 \cdot 2^{1864339} + 1$	561225	L2520	13	
374	$427 \cdot 2^{1863702} + 1$	561033	L3586	13	
375	$2 \cdot 3^{1175232} + 1$	560729	p199	10	
376	$13 \cdot 2^{1861732} + 1$	560439	g267	05	Divides $GF(1861731, 6)$
377	$411 \cdot 2^{1861627} + 1$	560409	L1741	13	
378	$103 \cdot 2^{1860103} - 1$	559949	L2484	12	
379	$51 \cdot 2^{1859193} + 1$	559675	L1204	11	
380	$8331405 \cdot 2^{1858587} - 1$	559498	L260	11	
381	$669 \cdot 2^{1857223} + 1$	559083	L2413	13	
382	$126072 \cdot 31^{374323} - 1$	558257	L2054	12	
383	$333 \cdot 2^{1853115} - 1$	557846	L1830	12	
384	$87 \cdot 2^{1852590} - 1$	557688	L2055	11	
385	$765 \cdot 2^{1849609} + 1$	556791	L1792	13	
386	$137 \cdot 2^{1849238} - 1$	556679	L321	07	
387	$639 \cdot 2^{1848903} + 1$	556579	L3439	13	
388	$261 \cdot 2^{1848217} + 1$	556372	L1983	13	
389	$261 \cdot 2^{1843555} - 1$	554968	L1828	13	
390	$681 \cdot 2^{1839269} + 1$	553678	L3141	13	
391	$779 \cdot 2^{1838955} + 1$	553584	L3640	13	
392	$135 \cdot 2^{1838124} + 1$	553333	L3472	13	
393	$15 \cdot 2^{1837873} - 1$	553257	L632	08	
394	$333 \cdot 2^{1837105} + 1$	553027	L3470	13	
395	$309 \cdot 2^{1836139} + 1$	552736	L3460	13	
396	$423 \cdot 2^{1835585} + 1$	552569	L2873	13	
397	$73 \cdot 2^{1834526} + 1$	552250	L1513	11	
398	$309 \cdot 2^{1834379} + 1$	552206	L3471	13	
399	$87 \cdot 2^{1834098} + 1$	552121	L1513	11	
400	$3 \cdot 2^{1832496} + 1$	551637	p189	07	Divides $GF(1832490, 3)$ , $GF(1832494, 5)$
401	$549 \cdot 2^{1832457} + 1$	551628	L3641	13	
402	$761 \cdot 2^{1831569} + 1$	551361	L2117	13	
403	$519 \cdot 2^{1831415} + 1$	551314	L3277	13	
404	$21 \cdot 2^{1830919} + 1$	551163	g279	04	
405	$197 \cdot 2^{1830255} + 1$	550964	L1360	13	

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406	$1021 \cdot 2^{1827279} - 1$	550069	L1828	13	
407	$679 \cdot 2^{1824918} + 1$	549358	L2100	13	
408	$39 \cdot 2^{1824871} + 1$	549343	L2664	11	Divides $GF(1824867, 6)$
409	$162668 \cdot 5^{785748} - 1$	549220	L3190	12	
410	$389 \cdot 2^{1824385} + 1$	549198	L1487	13	
411	$1135 \cdot 2^{1824103} - 1$	549113	L1828	13	
412	$513 \cdot 2^{1820982} + 1$	548173	L2826	13	
413	$557 \cdot 2^{1819191} + 1$	547634	L2526	13	
414	$593 \cdot 2^{1818825} + 1$	547524	L3630	13	
415	$1387 \cdot 2^{1818593} - 1$	547455	L1828	12	
416	$229 \cdot 2^{1818078} + 1$	547299	L3456	13	
417	$127 \cdot 2^{1817862} + 1$	547234	L3452	13	
418	$35 \cdot 2^{1817486} - 1$	547120	L2074	11	
419	$1155 \cdot 2^{1816779} - 1$	546909	L1828	12	
420	$69 \cdot 2^{1816739} + 1$	546895	L1204	11	
421	$555 \cdot 2^{1813556} + 1$	545938	L3233	13	
422	$33 \cdot 2^{1813526} - 1$	545928	L621	08	
423	$1347 \cdot 2^{1813433} - 1$	545901	L1828	12	
424	$693 \cdot 2^{1811517} + 1$	545324	L2967	13	
425	$1305 \cdot 2^{1809766} - 1$	544797	L1828	11	
426	$1185 \cdot 2^{1809466} - 1$	544707	L1828	11	
427	$659 \cdot 2^{1808691} + 1$	544474	L3625	13	
428	$145 \cdot 2^{1807767} - 1$	544195	L840	13	
429	$9 \cdot 2^{1807574} + 1$	544135	L2419	11	Generalized Fermat
430	$375 \cdot 2^{1806591} + 1$	543841	L3233	13	
431	$691 \cdot 2^{1804332} + 1$	543161	L3625	13	
432	$385 \cdot 2^{1802362} + 1$	542568	L3279	13	
433	$661 \cdot 2^{1802024} + 1$	542467	L2967	13	
434	$301 \cdot 2^{1801207} - 1$	542220	p281	10	
435	$1193 \cdot 2^{1801112} - 1$	542192	L1828	11	
436	$417643 \cdot 2^{1800787} - 1$	542097	L134	05	
437	$1045 \cdot 2^{1800025} - 1$	541865	L1828	11	
438	$43 \cdot 2^{1799016} + 1$	541560	L2562	11	
439	$1047 \cdot 2^{1797890} + 1$	541222	L3473	13	
440	$319 \cdot 2^{1797261} - 1$	541032	L1819	13	
441	$1103 \cdot 2^{1796969} + 1$	540945	L2826	13	
442	$43 \cdot 2^{1795628} + 1$	540540	L1129	11	
443	$423 \cdot 2^{1794546} + 1$	540215	L3131	13	
444	$1103 \cdot 2^{1792513} + 1$	539604	L3262	13	
445	$431 \cdot 2^{1791441} + 1$	539281	L3453	13	
446	$607 \cdot 2^{1790196} + 1$	538906	L346	13	
447	$1059 \cdot 2^{1789353} + 1$	538652	L1130	13	
448	$975 \cdot 2^{1789341} + 1$	538649	L2085	13	
449	$273 \cdot 2^{1788926} - 1$	538523	L1828	13	
450	$289184 \cdot 5^{770116} - 1$	538294	p353	12	
451	$441 \cdot 2^{1787789} + 1$	538181	L1209	13	
452	$565 \cdot 2^{1787136} + 1$	537985	L1512	13	
453	$247 \cdot 2^{1786968} + 1$	537934	L2533	13	
454	$227 \cdot 2^{1786779} + 1$	537877	L2058	13	
455	$11812 \cdot 5^{769343} - 1$	537752	p341	12	

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456	$933 \cdot 2^{1786320} + 1$	537739	L1505	13	
457	$507 \cdot 2^{1786194} + 1$	537701	L3422	13	
458	$921 \cdot 2^{1785808} + 1$	537585	L3262	13	
459	$1187 \cdot 2^{1785707} + 1$	537555	L1753	13	
460	$63 \cdot 2^{1784498} + 1$	537190	L1415	11	
461	$231 \cdot 2^{1783821} + 1$	536986	L3262	13	
462	$575 \cdot 2^{1781313} + 1$	536232	L3262	13	
463	$883 \cdot 2^{1780324} + 1$	535934	L2963	13	
464	$45 \cdot 2^{1779971} + 1$	535827	L1223	11	Divides $GF(1779969, 5)$
465	$357659 \cdot 2^{1779748} - 1$	535764	L47	05	
466	$1061 \cdot 2^{1779595} + 1$	535715	L3445	13	
467	$455 \cdot 2^{1779315} + 1$	535630	L2121	13	
468	$863 \cdot 2^{1778737} + 1$	535457	L1505	13	
469	$316594 \cdot 5^{766005} - 1$	535421	L3157	12	
470	$99 \cdot 2^{1777688} - 1$	535140	L1862	11	
471	$5 \cdot 2^{1777515} + 1$	535087	p148	05	Divides $GF(1777511, 5)$ , $GF(1777514, 6)$
472	$511 \cdot 2^{1777488} + 1$	535080	L2873	13	
473	$243 \cdot 2^{1777467} - 1$	535074	L2055	11	
474	$177 \cdot 2^{1775674} - 1$	534534	L2101	12	
475	$129 \cdot 2^{1774709} + 1$	534243	L2526	13	Divides $GF(1774705, 12)$
476	$163 \cdot 2^{1771524} + 1$	533285	L1741	13	
477	$381 \cdot 2^{1771493} + 1$	533276	L3444	13	
478	$795 \cdot 2^{1770840} + 1$	533079	L1505	13	
479	$665 \cdot 2^{1769303} + 1$	532617	L3441	13	
480	$473 \cdot 2^{1769101} + 1$	532556	L3459	13	
481	$855 \cdot 2^{1768644} + 1$	532418	L1675	13	
482	$99 \cdot 2^{1768187} + 1$	532280	L2517	11	
483	$273 \cdot 2^{1766747} - 1$	531847	L1828	13	
484	$191 \cdot 2^{1766221} + 1$	531688	L2539	13	
485	$190088 \cdot 5^{760352} - 1$	531469	L2841	12	Generalized Woodall
486	$35 \cdot 2^{1765449} + 1$	531455	L1204	11	
487	$981 \cdot 2^{1765221} + 1$	531388	L1204	13	
488	$255 \cdot 2^{1765113} + 1$	531355	L2085	13	
489	$65 \cdot 2^{1764687} + 1$	531226	L1125	11	
490	$717 \cdot 2^{1763367} + 1$	530830	L3440	13	
491	$16193 \cdot 2^{395119} - 1$	530421	p255	13	
492	$531 \cdot 2^{1761689} + 1$	530324	L3458	13	
493	$963 \cdot 2^{1761050} + 1$	530132	L1204	13	
494	$969 \cdot 2^{1759430} + 1$	529645	L3262	13	
495	$119 \cdot 2^{1759247} + 1$	529589	L3035	13	
496	$2 \cdot 191^{232149} + 1$	529540	g424	11	Divides $Phi(191^{232149}, 2)$
497	$417 \cdot 2^{1759055} + 1$	529531	L2623	13	
498	$787 \cdot 2^{1757702} + 1$	529124	L3436	13	
499	$57 \cdot 2^{1756702} + 1$	528822	L1741	11	
500	$135 \cdot 2^{1756478} + 1$	528755	L3127	13	
501	$855 \cdot 2^{1756269} + 1$	528693	L2636	13	
502	$603 \cdot 2^{1756142} + 1$	528655	L3175	13	
503	$71 \cdot 2^{1755965} + 1$	528600	L1741	11	
504	$485 \cdot 2^{1755887} + 1$	528578	L3262	13	

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505	$31 \cdot 2^{1755317} - 1$	528405	L330	11	
506	$955 \cdot 2^{1755312} + 1$	528405	L1741	13	
507	$161 \cdot 2^{1754223} + 1$	528076	L3014	13	
508	$5077 \cdot 2^{1753317} - 1$	527805	L251	08	
509	$387 \cdot 2^{1752919} + 1$	527684	L2636	13	
510	$65 \cdot 2^{1752885} + 1$	527673	L1204	11	
511	$363 \cdot 2^{1752116} + 1$	527443	L2085	13	
512	$641 \cdot 2^{1751823} + 1$	527355	L3459	13	
513	$261 \cdot 2^{1751160} + 1$	527155	L3192	13	
514	$1179 \cdot 2^{1750847} + 1$	527061	g387	09	
515	$340168 \cdot 5^{753789} - 1$	526882	p323	12	
516	$183 \cdot 2^{1747660} + 1$	526101	L2163	13	Divides Fermat $F(1747656)$
517	$265 \cdot 2^{1745450} + 1$	525436	L3423	13	
518	$495 \cdot 2^{1744183} + 1$	525055	L1933	13	
519	$327 \cdot 2^{1743751} + 1$	524924	L1130	13	
520	$415 \cdot 2^{1743176} + 1$	524751	L3428	13	
521	$695 \cdot 2^{1742755} + 1$	524625	L1741	13	
522	$243 \cdot 2^{1742689} + 1$	524605	L1204	13	
523	$345 \cdot 2^{1742652} - 1$	524594	L1830	12	
524	$867 \cdot 2^{1742474} + 1$	524540	L3188	13	
525	$91 \cdot 2^{1742093} - 1$	524425	L2338	12	
526	$315 \cdot 2^{1741334} - 1$	524197	L1830	12	
527	$525 \cdot 2^{1740056} + 1$	523812	L1204	13	
528	$319 \cdot 2^{1740047} - 1$	523809	L1819	13	
529	$357 \cdot 2^{1739732} + 1$	523715	L3427	13	
530	$687 \cdot 2^{1739343} + 1$	523598	L2117	13	
531	$627 \cdot 2^{1738864} + 1$	523454	L2117	13	
532	$95 \cdot 2^{1738427} + 1$	523321	L2085	11	
533	$793 \cdot 2^{1738400} + 1$	523314	L3035	13	
534	$729 \cdot 2^{1737901} + 1$	523164	L2603	13	
535	$1065 \cdot 2^{1736222} + 1$	522658	L1204	13	
536	$573 \cdot 2^{1735454} + 1$	522427	L2675	13	
537	$545 \cdot 2^{1735043} + 1$	522303	L2131	13	
538	$61 \cdot 2^{1734983} - 1$	522284	L2055	11	
539	$6 \cdot 10^{522127} + 1$	522128	p342	12	
540	$741 \cdot 2^{1733507} + 1$	521841	L2549	13	
541	$471 \cdot 2^{1732587} + 1$	521564	L2085	13	
542	$547 \cdot 2^{1731248} + 1$	521161	L2873	13	
543	$55 \cdot 2^{1729777} - 1$	520717	L2074	13	
544	$421 \cdot 2^{1729092} + 1$	520512	L3234	13	
545	$193 \cdot 2^{1728894} + 1$	520452	L3175	13	
546	$341 \cdot 2^{1728697} + 1$	520393	L2981	13	
547	$213 \cdot 2^{1728569} + 1$	520354	L2520	13	
548	$277 \cdot 2^{1728302} + 1$	520274	L1130	13	
549	$997 \cdot 2^{1728146} + 1$	520227	L1595	13	
550	$929 \cdot 2^{1728099} + 1$	520213	L1745	13	
551	$879 \cdot 2^{1727602} + 1$	520063	L1935	13	
552	$338948 \cdot 5^{743996} - 1$	520037	p352	12	
553	$600921 \cdot 2^{1727190} - 1$	519942	g337	13	
554	$597 \cdot 2^{1726268} + 1$	519662	L2520	13	

rank	description	digits	who	year	comment
555	$1151 \cdot 2^{1726187} + 1$	519638	L3262	13	
556	$813 \cdot 2^{1725925} + 1$	519559	L3171	13	
557	$729 \cdot 2^{1724434} + 1$	519110	L1484	13	Generalized Fermat
558	$615 \cdot 2^{1724209} + 1$	519042	L2967	13	
559	$547 \cdot 2^{1723020} + 1$	518684	L1745	13	
560	$253 \cdot 2^{1722623} - 1$	518564	L145	07	
561	$2 \cdot 3^{1086112} + 1$	518208	p199	10	
562	$113 \cdot 2^{1721438} - 1$	518207	L2484	11	
563	$1195 \cdot 2^{1720342} + 1$	517878	L1935	13	
564	$465 \cdot 2^{1720310} + 1$	517868	L2938	13	
565	$1159 \cdot 2^{1719862} + 1$	517734	L3035	13	
566	$545 \cdot 2^{1719517} + 1$	517629	L2583	13	
567	$897 \cdot 2^{1716807} + 1$	516814	L2322	13	
568	$1017 \cdot 2^{1715060} + 1$	516288	L1204	13	
569	$423 \cdot 2^{1714680} + 1$	516173	L1204	13	
570	$975 \cdot 2^{1714004} + 1$	515970	L2117	12	
571	$1101 \cdot 2^{1712807} + 1$	515610	L1935	12	
572	$491 \cdot 2^{1710497} + 1$	514914	L3271	13	
573	$237 \cdot 2^{1710490} + 1$	514912	L1408	13	
574	$833 \cdot 2^{1708797} + 1$	514403	L1935	12	
575	$1035 \cdot 2^{1708648} + 1$	514358	L2973	12	
576	$333 \cdot 2^{1708106} + 1$	514194	L3154	13	
577	$18656 \cdot 5^{735326} - 1$	513976	p280	12	
578	$935 \cdot 2^{1707129} + 1$	513901	L1300	12	
579	$889 \cdot 2^{1707094} + 1$	513890	L3262	12	
580	$267 \cdot 2^{1705793} - 1$	513498	L1828	13	
581	$291 \cdot 2^{1705173} - 1$	513311	L2484	13	
582	$165 \cdot 2^{1705093} + 1$	513287	L1158	13	
583	$109 \cdot 2^{1704658} + 1$	513156	L1751	12	
584	$727 \cdot 2^{1704196} + 1$	513017	L1741	12	
585	$2 \cdot 3^{1074726} + 1$	512775	p199	10	
586	$165 \cdot 2^{1703392} + 1$	512775	L2131	13	
587	$313 \cdot 2^{1703119} - 1$	512693	L1809	13	
588	$855 \cdot 2^{1703065} + 1$	512677	L1741	12	
589	$283 \cdot 2^{1702599} - 1$	512536	L426	10	
590	$851 \cdot 2^{1702569} + 1$	512528	L3344	12	
591	$1071 \cdot 2^{1701792} + 1$	512294	L3343	12	
592	$233 \cdot 2^{1700734} - 1$	511975	L426	10	
593	$1642 \cdot 30^{346592} - 1$	511962	p268	12	
594	$927 \cdot 2^{1699446} + 1$	511588	L1741	12	
595	$657 \cdot 2^{1699031} + 1$	511463	L3261	12	
596	$1065 \cdot 2^{1698303} + 1$	511244	L1741	12	
597	$561 \cdot 2^{1697783} + 1$	511087	L1360	12	
598	$5 \cdot 10^{511056} - 1$	511057	p297	11	Near-repdigit
599	$121 \cdot 2^{1695499} - 1$	510399	L62	05	
600	$883 \cdot 2^{1694710} + 1$	510162	L1204	12	
601	$985 \cdot 2^{1694268} + 1$	510029	L3167	12	
602	$405 \cdot 2^{1693765} + 1$	509877	L1741	13	
603	$873 \cdot 2^{1692706} + 1$	509559	L1980	12	
604	$299 \cdot 2^{1692271} + 1$	509427	L1741	13	

rank	description	digits	who	year	comment
605	$993 \cdot 2^{1691212} + 1$	509109	L3262	12	
606	$395 \cdot 2^{1690690} - 1$	508951	L1819	13	
607	$217 \cdot 2^{1690664} + 1$	508943	L3412	13	
608	$599 \cdot 2^{1687659} + 1$	508039	L3262	12	
609	$20049 \cdot 2^{1687252} - 1$	507918	L1471	11	
610	$915 \cdot 2^{1686699} + 1$	507750	L2520	12	
611	$2 \cdot 3^{1063844} - 1$	507583	L426	12	
612	$63 \cdot 2^{1686050} + 1$	507554	L2085	11	Divides $GF(1686047, 12)$
613	$1191 \cdot 2^{1686001} + 1$	507540	L1935	12	
614	$693 \cdot 2^{1685544} + 1$	507403	L1354	12	
615	$339 \cdot 2^{1685135} + 1$	507279	L1595	13	
616	$19 \cdot 2^{1684813} - 1$	507181	L503	08	
617	$133 \cdot 2^{1684616} + 1$	507123	L2826	13	
618	$110059! + 1$	507082	p312	11	Factorial
619	$415 \cdot 2^{1684046} + 1$	506951	L1990	13	
620	$1004 \cdot 133^{238300} - 1$	506117	p289	13	
621	$249 \cdot 2^{1681039} + 1$	506046	L1741	13	
622	$5374 \cdot 5^{723697} - 1$	505847	p351	12	
623	$555 \cdot 2^{1679952} + 1$	505719	L3262	12	
624	$193 \cdot 2^{1679938} + 1$	505715	L1741	13	
625	$357 \cdot 2^{1679872} + 1$	505695	L3139	13	
626	$309 \cdot 2^{1679867} + 1$	505693	L2675	13	
627	$985 \cdot 2^{1679754} + 1$	505660	L1741	12	
628	$1065 \cdot 2^{1679402} + 1$	505554	L3262	12	
629	$139 \cdot 666^{178851} - 1$	504984	L2054	11	
630	$559 \cdot 2^{1677446} + 1$	504965	L3262	12	
631	$411 \cdot 2^{1677196} + 1$	504889	L2734	13	
632	$905 \cdot 2^{1677085} + 1$	504856	L3249	12	
633	$60357 \cdot 2^{1676907} + 1$	504805	L587	11	
634	$567 \cdot 2^{1676783} + 1$	504765	L1576	12	
635	$255 \cdot 2^{1675403} + 1$	504349	L1741	13	
636	$95 \cdot 2^{1674777} + 1$	504161	L1224	11	
637	$1043 \cdot 2^{1674573} + 1$	504100	L3338	12	
638	$699 \cdot 2^{1674293} + 1$	504016	L2366	12	
639	$93 \cdot 2^{1673893} + 1$	503894	L2085	11	
640	$173 \cdot 2^{1673881} + 1$	503891	L3234	13	
641	$879 \cdot 2^{1672525} + 1$	503484	L1741	12	
642	$987 \cdot 2^{1672475} + 1$	503469	L1745	12	
643	$847 \cdot 2^{1670014} + 1$	502728	L3173	12	
644	$141 \cdot 2^{1669965} + 1$	502712	L3294	13	
645	$55 \cdot 2^{1669798} + 1$	502662	L2518	11	Divides $GF(1669797, 12)$
646	$1089 \cdot 2^{1669361} + 1$	502531	L1584	12	
647	$161 \cdot 2^{1668927} + 1$	502400	L2520	13	
648	$525 \cdot 2^{1668316} + 1$	502216	L3221	12	
649	$15 \cdot 2^{1667744} + 1$	502043	g279	07	
650	$2^{1667321} - 2^{833661} + 1$	501914	L137	11	Gaussian Mersenne norm 38?
651	$149183 \cdot 2^{1666957} + 1$	501810	g346	05	
652	$99 \cdot 2^{1665995} + 1$	501517	L2121	11	
653	$403 \cdot 2^{1664194} + 1$	500975	L2626	13	
654	$233 \cdot 2^{1662513} + 1$	500469	L3035	13	

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655	$441 \cdot 2^{1662069} + 1$	500336	L3113	13	
656	$533 \cdot 2^{1660425} + 1$	499841	L2117	12	
657	$825 \cdot 2^{1660087} + 1$	499739	L2366	12	
658	$63 \cdot 2^{1659338} - 1$	499513	L503	08	
659	$521 \cdot 2^{1659077} + 1$	499435	L3262	12	
660	$393 \cdot 2^{1658625} + 1$	499299	L3409	13	
661	$239 \cdot 30^{337990} - 1$	499255	p268	12	
662	$171 \cdot 2^{1658303} + 1$	499202	L1300	13	
663	$61 \cdot 2^{1654383} - 1$	498021	L503	08	
664	$1047 \cdot 2^{1653096} + 1$	497635	L1792	12	
665	$68 \cdot 23^{365239} + 1$	497358	p261	09	
666	$499 \cdot 2^{1651814} + 1$	497249	L1842	13	
667	$689 \cdot 2^{1651563} + 1$	497173	L1204	12	
668	$143 \cdot 2^{1650689} + 1$	496910	L1751	12	
669	$785 \cdot 2^{1650459} + 1$	496841	L2876	12	
670	$233 \cdot 2^{1649741} + 1$	496624	L3405	13	
671	$183 \cdot 2^{1649506} + 1$	496554	L2520	13	
672	$69 \cdot 2^{1649423} - 1$	496528	L621	08	
673	$925 \cdot 2^{1649360} + 1$	496510	L3262	12	
674	$469949 \cdot 2^{1649228} - 1$	496473	L160	07	
675	$295 \cdot 2^{1648168} + 1$	496151	L2826	13	
676	$309 \cdot 2^{1647947} - 1$	496084	L2028	12	
677	$209 \cdot 2^{1647640} - 1$	495992	L2338	12	
678	$445 \cdot 2^{1646888} + 1$	495766	L1300	13	
679	$331 \cdot 2^{1646668} + 1$	495699	L2241	13	
680	$49 \cdot 2^{1646042} + 1$	495510	L2516	11	Generalized Fermat
681	$72532 \cdot 5^{708453} - 1$	495193	p341	12	
682	$81 \cdot 2^{1643428} + 1$	494724	g418	09	Generalized Fermat
683	$771 \cdot 2^{1643321} + 1$	494692	L1741	12	
684	$933 \cdot 2^{1642574} + 1$	494468	L2826	12	
685	$1035092 \cdot 3^{1035092} - 1$	493871	L3544	13	Generalized Woodall
686	$265 \cdot 2^{1639448} + 1$	493526	L2322	13	
687	$315 \cdot 2^{1639432} - 1$	493521	L1827	11	
688	$251048373 \cdot 2^{1638322} + 1$	493193	p221	09	
689	$125522417 \cdot 2^{1638323} + 1$	493193	p221	09	
690	$250171825 \cdot 2^{1638322} + 1$	493193	p221	09	
691	$1000628481 \cdot 2^{1638320} + 1$	493193	p221	09	
692	$531 \cdot 2^{1637465} + 1$	492929	L2322	12	
693	$765 \cdot 2^{1635531} + 1$	492347	L3035	12	
694	$871 \cdot 2^{1635488} + 1$	492334	L3108	12	
695	$169 \cdot 2^{1635086} + 1$	492213	L1130	13	Generalized Fermat
696	$277 \cdot 2^{1634878} + 1$	492150	L1300	13	
697	$971 \cdot 2^{1633735} + 1$	491807	L2735	12	
698	$645 \cdot 2^{1633521} + 1$	491742	L3035	12	
699	$1185 \cdot 2^{1632895} + 1$	491554	L2989	12	
700	$267 \cdot 2^{1632893} - 1$	491553	L1828	13	
701	$539 \cdot 2^{1632705} + 1$	491496	L3237	12	
702	$53 \cdot 2^{1632590} - 1$	491461	L2055	11	
703	$675 \cdot 2^{1632285} + 1$	491370	L3260	12	
704	$937 \cdot 2^{1632080} + 1$	491309	L3221	12	

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705	$321 \cdot 2^{1629307} + 1$	490473	L2981	13	
706	$267 \cdot 2^{1629148} - 1$	490425	L1828	13	
707	$555 \cdot 2^{1629059} + 1$	490399	L1741	12	
708	$907 \cdot 2^{1628548} + 1$	490245	L2826	12	
709	$69 \cdot 2^{1628378} + 1$	490193	L2507	11	
710	$113 \cdot 2^{1627496} - 1$	489928	L2484	11	
711	$63 \cdot 2^{1626259} - 1$	489555	L1828	11	
712	$63 \cdot 2^{1625970} + 1$	489468	L1135	11	
713	$975 \cdot 2^{1624794} + 1$	489115	L2085	12	
714	$715 \cdot 2^{1624000} + 1$	488876	L3335	12	
715	$897 \cdot 2^{1623927} + 1$	488854	L3173	12	
716	$651 \cdot 2^{1621489} + 1$	488120	L3141	12	
717	$939 \cdot 2^{1621215} + 1$	488038	L3312	12	
718	$225 \cdot 2^{1620601} - 1$	487852	L2074	13	
719	$913 \cdot 2^{1619004} + 1$	487372	L3167	12	
720	$269 \cdot 2^{1618877} + 1$	487333	L1741	13	
721	$2 \cdot 626^{174203} + 1$	487172	L1471	11	
722	$495 \cdot 2^{1616716} + 1$	486683	L2967	13	
723	$825 \cdot 2^{1616204} + 1$	486529	L3014	12	
724	$87 \cdot 2^{1616138} - 1$	486508	L1828	11	
725	$1039 \cdot 2^{1616090} + 1$	486495	L3173	12	
726	$357 \cdot 2^{1615655} + 1$	486364	L3422	13	
727	$39 \cdot 2^{1612681} + 1$	485467	L1379	11	
728	$395 \cdot 2^{1611672} - 1$	485165	L1819	13	
729	$31 \cdot 2^{1611311} - 1$	485055	L330	10	
730	$713 \cdot 2^{1610773} + 1$	484894	L3110	12	
731	$459 \cdot 2^{1609603} + 1$	484542	L2787	13	
732	$569 \cdot 2^{1608879} + 1$	484324	L333	12	
733	$521 \cdot 2^{1608779} + 1$	484294	L2051	12	
734	$81 \cdot 2^{1606848} + 1$	483712	gt	07	Generalized Fermat
735	$465 \cdot 2^{1606272} + 1$	483539	L2826	13	
736	$1109 \cdot 2^{1606173} + 1$	483510	L1935	12	
737	$288 \cdot 706^{169692} + 1$	483422	p268	13	
738	$183 \cdot 2^{1605657} + 1$	483354	L2085	13	
739	$486 \cdot 187^{212627} + 1$	483058	p289	12	
740	$48 \cdot 580^{174782} - 1$	483000	p355	13	
741	$1009 \cdot 2^{1602478} + 1$	482397	L1300	12	
742	$2 \cdot 3^{1010743} - 1$	482248	L426	11	
743	$959 \cdot 2^{1600467} + 1$	481792	L1745	12	
744	$1073 \cdot 2^{1600077} + 1$	481675	L3110	12	
745	$555 \cdot 2^{1597517} + 1$	480904	L2366	12	
746	$15 \cdot 2^{1597510} + 1$	480900	g279	06	
747	$305 \cdot 2^{1597089} + 1$	480775	L2520	13	
748	$216290 \cdot 167^{216290} - 1$	480757	L2777	12	Generalized Woodall
749	$235 \cdot 2^{1596836} + 1$	480698	L2085	13	
750	$1033 \cdot 2^{1596708} + 1$	480661	L3173	12	
751	$135 \cdot 2^{1596454} + 1$	480583	L2532	13	
752	$659 \cdot 2^{1595363} + 1$	480255	L1935	12	
753	$315 \cdot 2^{1595314} + 1$	480240	L3397	13	
754	$69 \cdot 2^{1595083} + 1$	480170	L2085	11	



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755	$1113 \cdot 2^{1594402} + 1$	479966	L1300	12	
756	$58753 \cdot 2^{1594323} - 1$	479944	p190	06	
757	$555 \cdot 2^{1593788} + 1$	479781	L3035	12	
758	$481 \cdot 2^{1593660} + 1$	479743	L1204	13	
759	$1147 \cdot 2^{1593256} + 1$	479621	L3035	12	
760	$737 \cdot 2^{1592724} - 1$	479461	L191	06	
761	$79 \cdot 2^{1592422} + 1$	479369	L1885	11	
762	$853 \cdot 2^{1592254} + 1$	479320	L3035	12	
763	$110413 \cdot 2^{1591999} - 1$	479245	L111	05	
764	$99 \cdot 2^{1591984} - 1$	479237	L282	09	
765	$1179 \cdot 2^{1591362} + 1$	479051	g387	06	
766	$875 \cdot 2^{1591229} + 1$	479011	L3221	12	
767	$135 \cdot 2^{1590711} + 1$	478854	L1204	13	
768	$279 \cdot 2^{1590369} - 1$	478752	L1828	13	
769	$121 \cdot 2^{1589157} - 1$	478387	L65	05	
770	$285 \cdot 2^{1588353} + 1$	478145	L1733	13	
771	$263 \cdot 2^{1587302} - 1$	477828	L2101	12	
772	$289 \cdot 2^{1587151} - 1$	477783	L1828	11	
773	$1197 \cdot 2^{1587140} + 1$	477780	L3260	12	
774	$19502212^{65536} + 1$	477763	p160	05	Generalized Fermat
775	$1191 \cdot 2^{1586696} + 1$	477647	L2876	12	
776	$1039 \cdot 2^{1586474} + 1$	477580	L1502	12	
777	$261 \cdot 2^{1586347} + 1$	477541	L3237	13	
778	$277 \cdot 2^{1584740} + 1$	477057	L1502	13	
779	$1908 \cdot 2^{355313} + 1$	476984	L1471	13	
780	$763 \cdot 2^{1583512} + 1$	476688	L1935	12	
781	$277 \cdot 2^{1583097} - 1$	476563	L2484	13	
782	$855 \cdot 2^{1582921} + 1$	476510	L3035	12	
783	$1098133\# - 1$	476311	p346	12	Primorial
784	$(2^{64} - 189) \cdot 10^{476124} + 1$	476144	p342	13	
785	$311 \cdot 2^{1581686} - 1$	476138	L623	09	
786	$87 \cdot 2^{1580858} + 1$	475888	L2487	11	Divides $GF(1580856, 6)$
787	$989 \cdot 2^{1580147} + 1$	475675	L3333	12	
788	$159 \cdot 2^{1579426} + 1$	475457	L3179	13	
789	$4494381 \cdot 2^{1579256} + 1$	475411	L2425	11	
790	$3437965 \cdot 2^{1579256} + 1$	475410	L2425	11	
791	$552073 \cdot 2^{1579256} + 1$	475410	L2425	11	
792	$396687 \cdot 2^{1579256} + 1$	475410	L2425	11	
793	$1167 \cdot 2^{1579018} + 1$	475335	L1728	12	
794	$603 \cdot 2^{1578398} + 1$	475148	L333	12	
795	$2488 \cdot 5^{679769} - 1$	475142	p321	11	
796	$17684828^{65536} + 1$	474979	g410	07	Generalized Fermat
797	$17655444^{65536} + 1$	474932	g410	07	Generalized Fermat
798	$17629398^{65536} + 1$	474890	g410	07	Generalized Fermat
799	$365 \cdot 2^{1577413} + 1$	474852	L1204	13	
800	$553 \cdot 2^{1577344} + 1$	474831	L3260	12	
801	$909 \cdot 2^{1576339} + 1$	474529	L2085	12	
802	$805 \cdot 2^{1576258} + 1$	474504	L3035	12	
803	$99 \cdot 2^{1575803} + 1$	474366	L1500	11	
804	$373 \cdot 2^{1575751} - 1$	474351	L1819	12	

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805	$1003 \cdot 2^{1575486} + 1$	474272	L1484	12	
806	$29 \cdot 2^{1574753} + 1$	474050	L391	08	
807	$67 \cdot 2^{1573454} + 1$	473659	L1125	11	
808	$703 \cdot 2^{1572182} + 1$	473277	L2366	12	
809	$111 \cdot 2^{1570718} - 1$	472836	L1862	12	
810	$26 \cdot 800^{162819} + 1$	472680	p355	12	
811	$429 \cdot 2^{1569942} + 1$	472603	L2675	13	
812	$197 \cdot 2^{1568755} + 1$	472245	L1204	13	
813	$483 \cdot 2^{1568404} + 1$	472140	L1204	13	
814	$139 \cdot 2^{1567874} + 1$	471980	p189	06	
815	$103040! - 1$	471794	p301	10	Factorial
816	$331882 \cdot 5^{674961} - 1$	471784	p333	11	
817	$191 \cdot 2^{1567005} + 1$	471718	L3035	13	
818	$69 \cdot 2^{1566375} - 1$	471528	L1828	11	
819	$1079 \cdot 2^{1565923} + 1$	471393	L1344	12	
820	$285 \cdot 2^{1565353} - 1$	471221	L3202	13	
821	$729 \cdot 366^{183817} - 1$	471215	L2054	11	
822	$285 \cdot 2^{1563167} - 1$	470563	L3202	13	
823	$1047 \cdot 2^{1563150} + 1$	470559	L3221	12	
824	[ Long prime 824 ]	470458	p360	13	
825	$103 \cdot 2^{1562619} - 1$	470398	L2484	12	
826	$149 \cdot 2^{1561951} + 1$	470197	L2322	13	
827	$891 \cdot 2^{1561849} + 1$	470167	L2626	12	
828	$93 \cdot 2^{1561686} + 1$	470117	L1741	11	
829	$931 \cdot 2^{1561084} + 1$	469937	L1167	12	
830	$695 \cdot 2^{1560515} + 1$	469765	L2117	12	
831	$219 \cdot 2^{1560099} + 1$	469639	L1505	13	
832	$371 \cdot 2^{1559073} + 1$	469331	L1745	13	
833	$651 \cdot 2^{1558979} + 1$	469303	L3329	12	
834	$817 \cdot 2^{1554994} + 1$	468103	L2085	12	
835	$1185 \cdot 2^{1553995} + 1$	467803	L2366	12	
836	$161 \cdot 2^{1553570} - 1$	467674	L177	11	
837	$1071 \cdot 2^{1548940} + 1$	466281	L1204	12	
838	$52 \cdot 701^{163776} + 1$	466063	p268	13	
839	$1199 \cdot 2^{1548171} + 1$	466049	L2981	12	
840	$409 \cdot 2^{1546542} + 1$	465559	L3248	13	
841	$135 \cdot 2^{1545961} + 1$	465383	L2549	13	
842	$539 \cdot 2^{1545909} + 1$	465368	L3327	12	
843	$477 \cdot 2^{1545648} + 1$	465290	L1484	13	
844	$81 \cdot 2^{1544545} + 1$	464957	gt	07	
845	$1003 \cdot 2^{1544288} + 1$	464881	L1129	12	
846	$5 \cdot 10^{464843} - 1$	464844	p297	11	Near-repdigit
847	$95 \cdot 2^{1543676} - 1$	464695	L2338	11	
848	$227 \cdot 2^{1542323} + 1$	464288	L1204	13	
849	$703 \cdot 2^{1542084} + 1$	464217	L2038	12	
850	$53 \cdot 2^{1541133} + 1$	463929	L1158	11	
851	$83 \cdot 2^{1540750} - 1$	463814	L1959	11	
852	$1061 \cdot 2^{1540377} + 1$	463703	L2322	12	
853	$315 \cdot 2^{1539539} - 1$	463450	L1827	11	
854	$395 \cdot 2^{1538975} + 1$	463281	L2826	13	

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855	$6 \cdot 643^{164915} + 1$	463117	L3610	13	
856	$333 \cdot 2^{1537644} - 1$	462880	L1827	11	
857	$759 \cdot 2^{1537049} + 1$	462701	L1484	12	
858	$699 \cdot 2^{1535678} + 1$	462288	L1122	12	
859	$63 \cdot 2^{1535612} - 1$	462268	L1828	11	
860	$234847 \cdot 2^{1535589} - 1$	462264	L73	05	
861	$8331405 \cdot 2^{1534807} - 1$	462030	L260	11	
862	$291 \cdot 2^{1534413} - 1$	461907	L2484	13	
863	$393 \cdot 2^{1534045} + 1$	461797	L2826	13	
864	$165 \cdot 2^{1533368} + 1$	461592	L3149	13	
865	$63 \cdot 2^{1530888} + 1$	460846	L2487	11	
866	$41 \cdot 2^{1530313} + 1$	460672	L2131	11	
867	$247 \cdot 2^{1529485} - 1$	460424	L2338	11	
868	$771 \cdot 2^{1529249} + 1$	460353	L3271	12	
869	$941 \cdot 2^{1529195} + 1$	460337	L3110	12	
870	$505 \cdot 2^{1529188} + 1$	460335	L2826	12	
871	$279 \cdot 2^{1526518} + 1$	459531	L3173	13	
872	$1071 \cdot 2^{1526401} + 1$	459496	L3221	12	
873	$121 \cdot 2^{1526097} - 1$	459404	L65	05	
874	$115 \cdot 2^{1524183} - 1$	458827	L2074	13	
875	$303 \cdot 2^{1523973} + 1$	458765	L1300	13	
876	$289 \cdot 2^{1522650} + 1$	458366	L1741	13	Generalized Fermat
877	$731 \cdot 2^{1522457} + 1$	458309	L3311	12	
878	$687 \cdot 2^{1522087} + 1$	458197	L2606	12	
879	$165 \cdot 2^{1521629} - 1$	458059	L2055	11	
880	$19709699 \cdot 2^{1521540} - 1$	458037	L421	08	
881	$731 \cdot 2^{1518257} + 1$	457044	L1204	12	
882	$291 \cdot 2^{1516592} + 1$	456543	L2117	13	
883	$243 \cdot 2^{1516368} + 1$	456475	L2038	13	
884	$135 \cdot 2^{1515894} + 1$	456332	L1129	13	Divides $GF(1515890, 10)$
885	$825 \cdot 2^{1515604} + 1$	456246	L3284	12	
886	$1169 \cdot 2^{1515073} + 1$	456086	L3110	12	
887	$301 \cdot 2^{1514873} - 1$	456025	p281	10	
888	$37674760044125 \cdot 2^{1513679} - 67931$	455677	p339	12	
889	$237 \cdot 2^{1512216} - 1$	455225	L1828	13	
890	$93 \cdot 2^{1511692} + 1$	455067	L1135	11	
891	$945 \cdot 2^{1511373} + 1$	454972	L3276	12	
892	$165 \cdot 2^{1510977} + 1$	454852	L1349	12	
893	$735 \cdot 2^{1509857} + 1$	454516	L3319	12	
894	$4 \cdot 83^{236470} + 1$	453805	p286	10	Generalized Fermat
895	$143 \cdot 2^{1507352} - 1$	453761	L1828	12	
896	$7 \cdot 566^{164827} - 1$	453740	L1471	11	
897	$1115 \cdot 2^{1505697} + 1$	453264	L3173	12	
898	$65 \cdot 2^{1505640} - 1$	453245	L2055	11	
899	$431 \cdot 2^{1505493} + 1$	453202	L2520	13	
900	$173 \cdot 2^{1504740} - 1$	452975	L2074	13	
901	$237 \cdot 2^{1503376} - 1$	452564	L1828	13	
902	$197 \cdot 2^{1502095} + 1$	452178	L2912	13	
903	$1137 \cdot 2^{1501715} + 1$	452065	L1745	12	
904	$907 \cdot 2^{1501169} - 1$	451900	L860	10	

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905	$1075 \cdot 2^{1500964} + 1$	451839	L2066	12	
906	$579 \cdot 2^{1500429} + 1$	451677	L1300	12	
907	$13 \cdot 2^{1499876} + 1$	451509	g267	04	Divides $GF(1499875, 3)$
908	$429 \cdot 2^{1499779} + 1$	451482	L2603	12	
909	$147 \cdot 2^{1499333} - 1$	451347	L1959	13	
910	$533 \cdot 2^{1499097} + 1$	451276	L1741	12	
911	$95 \cdot 2^{1498399} + 1$	451066	L2494	11	
912	$27994 \cdot 5^{645221} - 1$	450995	p324	11	
913	$191 \cdot 2^{1496507} + 1$	450496	L1229	12	
914	$687 \cdot 2^{1496330} + 1$	450444	L1745	12	
915	$32 \cdot 26^{318071} + 1$	450064	L1471	12	
916	$283 \cdot 2^{1494614} + 1$	449927	L2984	12	
917	$749 \cdot 2^{1494203} + 1$	449803	L2706	12	
918	$131 \cdot 2^{1494099} + 1$	449771	L2959	12	Divides Fermat $F(1494096)$
919	$93 \cdot 2^{1493877} + 1$	449704	L2085	11	
920	$262172 \cdot 5^{643342} - 1$	449683	p323	11	
921	$651 \cdot 2^{1493757} + 1$	449669	L2583	12	
922	$455 \cdot 2^{1493715} + 1$	449656	L2734	12	
923	$711 \cdot 2^{1493231} + 1$	449511	L1842	12	
924	$673 \cdot 2^{1492542} + 1$	449303	L2826	12	
925	$7 \cdot 2^{1491852} + 1$	449094	p166	05	Divides $GF(1491851, 6)$
926	$357 \cdot 2^{1491595} + 1$	449018	L2960	12	
927	$303 \cdot 2^{1491450} + 1$	448974	L1498	12	
928	$2232007 \cdot 2^{1490605} - 1$	448724	L4	03	
929	$147 \cdot 2^{1490274} + 1$	448620	L3030	12	
930	$789 \cdot 2^{1489887} + 1$	448504	L1214	12	
931	$877 \cdot 2^{1489150} + 1$	448282	L3019	12	
932	$49568 \cdot 5^{640900} - 1$	447975	p321	11	
933	$191 \cdot 2^{1487775} + 1$	447868	L1387	12	
934	$1181 \cdot 2^{1487725} + 1$	447853	L1129	12	
935	$61 \cdot 2^{1487125} - 1$	447672	L1828	11	
936	$103 \cdot 2^{1486695} - 1$	447542	L2484	12	
937	$1155 \cdot 2^{1486428} + 1$	447463	L2957	12	
938	$57 \cdot 2^{1486214} - 1$	447397	L1828	11	
939	$1286 \cdot 3^{937499} + 1$	447304	L2777	12	Generalized Cullen
940	$377 \cdot 2^{1483586} - 1$	446607	L1819	13	
941	$62 \cdot 107^{219967} + 1$	446400	p289	13	
942	$8922449 \cdot 2^{1482840} - 1$	446387	L536	11	
943	$355 \cdot 2^{1482390} + 1$	446247	L2734	12	
944	$9 \cdot 2^{1481821} - 1$	446074	L503	08	
945	$503 \cdot 2^{1481165} + 1$	445878	L1204	12	
946	$583 \cdot 2^{1480974} + 1$	445821	L1935	12	
947	$5 \cdot 10^{445773} - 1$	445774	p297	11	Near-repdigit
948	$395 \cdot 2^{1480715} + 1$	445743	L1792	12	
949	$1293 \cdot 2^{1480046} - 1$	445542	L1828	13	
950	$725 \cdot 2^{1479843} + 1$	445480	L2627	12	
951	$2421 \cdot 2^{1479236} + 1$	445298	p335	12	
952	$1185 \cdot 2^{1478556} + 1$	445093	L2956	12	
953	$609 \cdot 2^{1478341} + 1$	445028	L2987	12	
954	$29 \cdot 2^{1478344} - 1$	445028	L10	05	

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955	$705 \cdot 2^{1478286} + 1$	445012	L1158	12	
956	$1071 \cdot 2^{1478005} - 1$	444927	L1828	13	
957	$847 \cdot 2^{1477272} + 1$	444707	L2935	12	
958	$138835 \cdot 2^{1476392} + 1$	444444	L3494	13	
959	$27 \cdot 2^{1476347} + 1$	444427	g279	05	
960	$1329 \cdot 2^{1476061} - 1$	444342	L1828	13	
961	$163 \cdot 2^{1475932} + 1$	444303	L2955	12	
962	$371 \cdot 2^{1475337} + 1$	444124	L2958	12	
963	$1159 \cdot 2^{1475217} - 1$	444088	L1828	13	
964	$333 \cdot 2^{1474766} - 1$	443952	L1827	11	
965	$176660 \cdot 18^{353320} - 1$	443519	p325	11	Generalized Woodall
966	$69 \cdot 2^{1473217} - 1$	443485	L2055	11	
967	$327 \cdot 2^{1473201} - 1$	443481	L1827	11	
968	$357 \cdot 2^{1473125} - 1$	443458	L1819	13	
969	$1263 \cdot 2^{1472875} - 1$	443383	L1828	13	
970	$127 \cdot 2^{1472718} + 1$	443335	L2954	12	
971	$43994 \cdot 6^{569498} - 1$	443161	p267	10	
972	$325627 \cdot 2^{1472117} - 1$	443157	L111	05	
973	$1317 \cdot 2^{1471508} - 1$	442972	L1828	13	
974	$133 \cdot 2^{1471408} + 1$	442941	L2139	12	
975	$1197 \cdot 2^{1471378} - 1$	442932	L1828	13	
976	$207 \cdot 2^{1471290} + 1$	442905	L1300	12	
977	$579 \cdot 2^{1471002} + 1$	442819	L2901	12	
978	$1291 \cdot 2^{1470905} - 1$	442790	L1828	13	
979	$303 \cdot 2^{1470065} + 1$	442537	L2058	12	
980	$629 \cdot 2^{1469471} + 1$	442358	L1999	12	
981	$1155 \cdot 2^{1468763} - 1$	442145	L1828	13	
982	$55 \cdot 2^{1468439} - 1$	442046	L2074	13	
983	$1467763 \cdot 2^{1467763} - 1$	441847	L381	07	Woodall
984	$77 \cdot 2^{1467554} - 1$	441780	L145	06	
985	$1073 \cdot 2^{1467421} + 1$	441741	L2121	12	
986	$105 \cdot 2^{1467388} - 1$	441730	L384	10	
987	$1295 \cdot 2^{1467128} - 1$	441653	L1828	13	
988	$253 \cdot 2^{1465908} + 1$	441285	L1498	12	
989	$279 \cdot 2^{1465658} + 1$	441210	L2121	12	
990	$179 \cdot 2^{1464720} - 1$	440927	L2074	12	
991	$533 \cdot 2^{1462557} + 1$	440277	L1186	12	
992	$165 \cdot 2^{1462368} - 1$	440219	L2101	11	
993	$565 \cdot 2^{1462336} + 1$	440210	L2127	12	
994	$1193 \cdot 2^{1462209} + 1$	440172	L2950	12	
995	$99 \cdot 2^{1461496} - 1$	439957	L282	09	
996	$821 \cdot 2^{1461453} + 1$	439945	L2085	12	
997	$83 \cdot 2^{1461350} - 1$	439913	L1959	11	
998	$647 \cdot 2^{1461075} + 1$	439831	L2734	12	
999	$921 \cdot 2^{1460168} + 1$	439558	L2412	12	
1000	$1035 \cdot 2^{1460028} - 1$	439516	L1828	12	
1001	$361 \cdot 2^{1459308} + 1$	439299	L1158	12	Generalized Fermat
1002	$315 \cdot 2^{1459160} + 1$	439254	L2127	12	
1003	$1003 \cdot 2^{1458560} + 1$	439074	L1214	12	
1004	$179 \cdot 2^{1457415} + 1$	438728	L1224	12	

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1005	$505 \cdot 2^{1457394} + 1$	438723	L2121	12	
1006	$1179 \cdot 2^{1456957} - 1$	438591	L1828	12	
1007	$313 \cdot 2^{1456431} - 1$	438432	L1809	13	
1008	$301 \cdot 2^{1455620} + 1$	438188	L1999	12	
1009	$83 \cdot 2^{1455358} - 1$	438109	L1959	11	
1010	$701 \cdot 2^{1455225} + 1$	438070	L2962	12	
1011	$1085 \cdot 2^{1453676} - 1$	437604	L1828	12	
1012	$379 \cdot 2^{1453534} + 1$	437560	L2826	12	
1013	$281 \cdot 2^{1453426} - 1$	437528	L2101	12	
1014	$967 \cdot 2^{1453316} + 1$	437495	L2856	12	
1015	$21 \cdot 2^{1452771} - 1$	437329	L503	08	
1016	$911 \cdot 2^{1450865} + 1$	436757	L1158	12	
1017	$995 \cdot 2^{1450439} + 1$	436629	L2139	12	
1018	$1101 \cdot 2^{1450203} - 1$	436558	L1828	12	
1019	$1139 \cdot 2^{1450029} + 1$	436506	L1509	12	
1020	$9101981 \cdot 2^{1449942} - 1$	436483	L1134	13	
1021	$1121 \cdot 2^{1449665} + 1$	436396	L2785	12	
1022	$855 \cdot 2^{1449637} + 1$	436388	L1336	12	
1023	$77743 \cdot 6^{560745} - 1$	436350	p267	10	
1024	$909 \cdot 2^{1449002} + 1$	436197	L2125	12	
1025	$23 \cdot 2^{1448461} + 1$	436032	L170	08	
1026	$395 \cdot 2^{1447971} + 1$	435886	L1935	12	
1027	$1051 \cdot 2^{1447928} + 1$	435873	L2949	12	
1028	$10107 \cdot 6^{559967} + 1$	435744	p254	12	
1029	$969 \cdot 2^{1447062} + 1$	435613	L1745	12	
1030	$711 \cdot 2^{1446472} + 1$	435435	L1224	12	
1031	$1061 \cdot 2^{1445645} + 1$	435186	L2863	12	
1032	$8331405 \cdot 2^{1445428} - 1$	435125	L260	10	
1033	$923 \cdot 2^{1445405} + 1$	435114	L2942	12	
1034	$194 \cdot 165^{196199} + 1$	435071	p289	12	
1035	$855 \cdot 2^{1444094} + 1$	434719	L2604	12	
1036	$705 \cdot 2^{1442509} + 1$	434242	L2085	12	
1037	$345 \cdot 2^{1441905} + 1$	434060	L2604	12	
1038	$10 \cdot 802^{149319} + 1$	433650	p268	11	
1039	$589 \cdot 2^{1440410} + 1$	433610	L1336	12	
1040	$417 \cdot 2^{1439196} + 1$	433244	L2604	12	
1041	$851 \cdot 2^{1438625} + 1$	433073	L1728	12	
1042	$581 \cdot 2^{1438385} + 1$	433000	L2604	12	
1043	$637 \cdot 2^{1438112} + 1$	432918	L1524	12	
1044	$83 \cdot 2^{1437882} - 1$	432848	L1959	11	
1045	$969 \cdot 2^{1435731} + 1$	432202	L1509	12	
1046	$210092 \cdot 5^{618136} - 1$	432064	L2050	11	
1047	$1135 \cdot 2^{1434722} + 1$	431898	L1933	12	
1048	$19 \cdot 2^{1434165} - 1$	431728	L503	08	
1049	$825 \cdot 2^{1433899} + 1$	431650	L2127	12	
1050	$95 \cdot 2^{1433853} + 1$	431635	L2503	11	Divides $GF(1433852, 3)$
1051	$141 \cdot 2^{1433536} + 1$	431540	L2560	12	
1052	$987 \cdot 2^{1433326} + 1$	431478	L1158	12	
1053	$749 \cdot 2^{1433277} + 1$	431463	L2941	12	
1054	$825 \cdot 2^{1433131} + 1$	431419	L1991	12	

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1055	$3303 \cdot 112^{210284} + 1$	430922	p271	12	
1056	$243 \cdot 2^{1431443} - 1$	430910	L2055	11	
1057	$1041 \cdot 2^{1431405} + 1$	430899	L1229	12	
1058	$729 \cdot 2^{1430906} + 1$	430749	L2002	11	Generalized Fermat
1059	$1079 \cdot 2^{1430317} + 1$	430572	L2940	12	
1060	$1031 \cdot 2^{1430239} + 1$	430548	L1129	12	
1061	$1193 \cdot 2^{1430037} + 1$	430488	L1555	12	
1062	$675 \cdot 2^{1429386} + 1$	430291	L1379	12	
1063	$267 \cdot 2^{1429060} - 1$	430193	L1828	13	
1064	$45 \cdot 2^{1427666} + 1$	429772	L1446	10	
1065	$270748 \cdot 5^{614625} - 1$	429610	L2050	11	
1066	$147 \cdot 2^{1426959} + 1$	429560	L2922	12	
1067	$19681127 \cdot 2^{1426862} - 1$	429536	L466	12	
1068	$1023 \cdot 2^{1426490} + 1$	429420	L1554	12	
1069	$94550! - 1$	429390	p290	10	Factorial
1070	$2018 \cdot 162^{194314} - 1$	429344	p289	12	
1071	$113 \cdot 2^{1425998} - 1$	429271	L257	08	
1072	$1129 \cdot 2^{1424494} + 1$	428819	L2939	12	
1073	$1169 \cdot 2^{1423969} + 1$	428661	L2948	12	
1074	$561 \cdot 2^{1423021} + 1$	428375	L2945	12	
1075	$555 \cdot 2^{1422674} + 1$	428271	L2944	12	
1076	$255 \cdot 2^{1422283} - 1$	428153	L2074	12	
1077	$21 \cdot 2^{1421741} + 1$	427989	g279	05	
1078	$537 \cdot 2^{1421571} + 1$	427939	L2557	12	
1079	$8 \cdot 3^{896701} - 1$	427837	p258	10	
1080	$65 \cdot 2^{1421088} - 1$	427792	L1828	11	
1081	$9 \cdot 2^{1419855} - 1$	427420	L323	09	
1082	$1425 \cdot 2^{1419356} - 1$	427272	L1134	13	
1083	$1047 \cdot 2^{1418968} + 1$	427155	L2093	12	
1084	$273 \cdot 2^{1418856} + 1$	427121	L2674	12	
1085	$15 \cdot 2^{1418605} + 1$	427044	g279	06	Divides $GF(1418600, 5)$ , $GF(1418601, 6)$
1086	$371 \cdot 2^{1417702} - 1$	426774	L1819	13	
1087	$225 \cdot 2^{1417568} + 1$	426733	L2947	12	Generalized Fermat
1088	$303 \cdot 2^{1416878} + 1$	426526	L2937	12	
1089	$29 \cdot 2^{1416873} + 1$	426523	g305	07	
1090	$61 \cdot 2^{1416365} - 1$	426371	L2055	11	
1091	$659 \cdot 2^{1414237} + 1$	425731	L2453	12	
1092	$149797 \cdot 2^{1414137} - 1$	425703	L105	05	
1093	$1087 \cdot 2^{1413982} + 1$	425655	L2934	12	
1094	$1031 \cdot 2^{1413801} + 1$	425600	L2936	12	
1095	$799 \cdot 2^{1413586} + 1$	425535	L2142	12	
1096	$266206 \cdot 5^{608649} - 1$	425433	L2050	11	
1097	$3095674^{65536} + 1$	425379	p343	13	Generalized Fermat
1098	$199 \cdot 2^{1412913} - 1$	425332	L2074	13	
1099	$1155 \cdot 2^{1411898} - 1$	425027	L1828	13	
1100	$1077 \cdot 2^{1411370} - 1$	424868	L1828	13	
1101	$1083 \cdot 2^{1410817} + 1$	424702	L1562	12	
1102	$339 \cdot 2^{1410789} - 1$	424693	L1830	11	
1103	$625 \cdot 2^{1410668} + 1$	424657	L1498	12	Generalized Fermat

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1104	$1263 \cdot 2^{1409755} - 1$	424382	L1828	13	
1105	$445 \cdot 2^{1408906} + 1$	424126	L2544	12	
1106	$439 \cdot 2^{1408326} + 1$	423952	L1546	12	
1107	$93 \cdot 2^{1408246} + 1$	423927	L1207	11	
1108	$165 \cdot 2^{1408117} + 1$	423888	L2935	12	
1109	$105 \cdot 2^{1407665} - 1$	423752	L384	09	
1110	$55 \cdot 2^{1406997} - 1$	423551	L1884	11	
1111	$143 \cdot 2^{1406788} - 1$	423488	L1828	12	
1112	$141 \cdot 2^{1404747} + 1$	422874	L1158	12	
1113	$2829122^{65536} + 1$	422816	p343	12	Generalized Fermat
1114	$2779470^{65536} + 1$	422312	p343	12	Generalized Fermat
1115	$435 \cdot 2^{1402809} + 1$	422291	L2938	12	
1116	$647 \cdot 2^{1402275} + 1$	422130	L1158	12	
1117	$1101 \cdot 2^{1402221} + 1$	422114	L2168	12	
1118	$1055 \cdot 2^{1402194} - 1$	422106	L1828	13	
1119	$2744940^{65536} + 1$	421956	p343	12	Generalized Fermat
1120	$2738848^{65536} + 1$	421893	p343	12	Generalized Fermat
1121	$1131 \cdot 2^{1401172} + 1$	421798	L1456	12	
1122	$573 \cdot 2^{1400092} + 1$	421473	L2949	12	
1123	$429 \cdot 2^{1400083} + 1$	421470	L2930	12	
1124	$881 \cdot 2^{1399963} + 1$	421434	L1224	12	
1125	$23 \cdot 2^{1399841} + 1$	421396	L1158	11	
1126	$127 \cdot 2^{1398889} - 1$	421110	L486	08	
1127	$241 \cdot 2^{1398869} - 1$	421104	L1828	13	
1128	$125 \cdot 2^{1398712} - 1$	421057	L2101	12	
1129	$219 \cdot 2^{1398411} + 1$	420966	L1336	12	
1130	$1564347 \cdot 2^{1398269} - 1$	420928	L466	08	
1131	$31723 \cdot 2^{1398273} - 507567$	420927	p363	13	
1132	$2^{1398269} - 1$	420921	G1	96	Mersenne 35
1133	$765 \cdot 2^{1398051} + 1$	420859	L2932	12	
1134	$192089 \cdot 2^{1395688} - 1$	420150	L49	04	
1135	$225 \cdot 2^{1395649} - 1$	420135	L2074	12	
1136	$85 \cdot 2^{1395605} - 1$	420121	L2338	11	
1137	$1137 \cdot 2^{1395352} - 1$	420046	L1828	13	
1138	$935 \cdot 2^{1394813} + 1$	419884	L2863	12	
1139	$147 \cdot 2^{1392930} + 1$	419316	L2931	12	
1140	$2484264^{65536} + 1$	419116	p343	12	Generalized Fermat
1141	$2483590^{65536} + 1$	419108	p316	12	Generalized Fermat
1142	$1387 \cdot 2^{1390577} - 1$	418609	L1828	13	
1143	$1151 \cdot 2^{1390169} + 1$	418486	L1336	12	
1144	$891 \cdot 2^{1390163} + 1$	418484	L2562	12	
1145	$77 \cdot 2^{1390004} - 1$	418435	L2074	11	
1146	$869 \cdot 2^{1389895} + 1$	418404	L1480	12	
1147	$113 \cdot 2^{1389674} - 1$	418336	L257	08	
1148	$1073 \cdot 2^{1389616} - 1$	418320	L1828	13	
1149	$953 \cdot 2^{1389449} + 1$	418269	L1935	12	
1150	$182402 \cdot 14^{364804} - 1$	418118	p325	11	Generalized Woodall
1151	$17 \cdot 2^{1388355} + 1$	417938	g267	05	Divides $GF(1388354, 10)$
1152	$413 \cdot 2^{1387625} + 1$	417720	L1357	12	
1153	$1169 \cdot 2^{1387289} + 1$	417619	L2927	12	



rank	description	digits	who	year	comment
1154	$2336976^{65536} + 1$	417377	p316	12	Generalized Fermat
1155	$805 \cdot 2^{1386368} + 1$	417342	L2926	12	
1156	$675 \cdot 2^{1386270} + 1$	417312	L2093	12	
1157	$771 \cdot 2^{1385696} + 1$	417139	L2110	12	
1158	$2313394^{65536} + 1$	417088	p316	11	Generalized Fermat
1159	$427 \cdot 2^{1385238} + 1$	417001	L1204	12	
1160	$409 \cdot 2^{1384346} + 1$	416733	L1357	12	
1161	$1047 \cdot 2^{1383252} - 1$	416404	L1828	13	
1162	$89 \cdot 2^{1383108} - 1$	416359	L1884	11	
1163	$2251082^{65536} + 1$	416311	p316	11	Generalized Fermat
1164	$999 \cdot 2^{1382497} + 1$	416177	L1524	12	
1165	$491 \cdot 2^{1382361} + 1$	416135	L2167	12	
1166	$1077 \cdot 2^{1382270} - 1$	416108	L1828	13	
1167	$487 \cdot 2^{1382068} + 1$	416047	L2925	12	
1168	$1001 \cdot 2^{1381338} - 1$	415828	L1828	13	
1169	$609 \cdot 2^{1380766} + 1$	415655	L2785	12	
1170	$2187182^{65536} + 1$	415491	g260	09	Generalized Fermat
1171	$2177038^{65536} + 1$	415359	g260	08	Generalized Fermat
1172	$199 \cdot 2^{1379329} - 1$	415222	L2074	12	
1173	$2162068^{65536} + 1$	415162	g260	08	Generalized Fermat
1174	$1209 \cdot 2^{1378600} - 1$	415004	L1828	13	
1175	$1041 \cdot 2^{1377936} + 1$	414804	L1158	12	
1176	$653 \cdot 2^{1377857} + 1$	414780	L2887	12	
1177	$1395 \cdot 2^{1377793} - 1$	414761	L1828	13	
1178	$6 \cdot 10^{414508} - 1$	414509	p297	11	Near-repdigit
1179	$139 \cdot 2^{1376635} - 1$	414411	L384	13	
1180	$151 \cdot 2^{1376256} + 1$	414297	L1751	11	
1181	$129 \cdot 2^{1376223} - 1$	414287	L1959	11	
1182	$1005 \cdot 2^{1375758} + 1$	414148	L2606	12	
1183	$65 \cdot 2^{1374574} - 1$	413790	L2055	11	
1184	$163 \cdot 2^{1374474} + 1$	413761	L2933	12	
1185	$147 \cdot 2^{1374216} - 1$	413683	L1959	11	
1186	$(2^{64} - 189) \cdot 10^{413500} + 1$	413520	p342	12	
1187	$981 \cdot 2^{1373643} + 1$	413511	L2125	12	
1188	$231 \cdot 2^{1372505} + 1$	413168	L2169	12	
1189	$347 \cdot 2^{1372215} + 1$	413081	L2085	12	
1190	$321 \cdot 2^{1371846} - 1$	412970	L1830	11	
1191	$237 \cdot 2^{1371630} - 1$	412905	L1828	13	
1192	$73 \cdot 2^{1370742} + 1$	412637	g418	09	
1193	$955 \cdot 2^{1369986} + 1$	412410	L2928	12	
1194	$195 \cdot 2^{1369746} - 1$	412337	L2101	11	
1195	$771 \cdot 2^{1369709} + 1$	412327	L2453	12	
1196	$1169 \cdot 2^{1369516} - 1$	412269	L1828	13	
1197	$1235 \cdot 2^{1369070} - 1$	412135	L1828	13	
1198	$1055 \cdot 2^{1368554} - 1$	411979	L1828	13	
1199	$15 \cdot 2^{1368428} + 1$	411940	g279	06	
1200	$609 \cdot 2^{1368375} + 1$	411925	L2946	12	
1201	$243 \cdot 2^{1368212} - 1$	411876	L2055	11	
1202	$1093 \cdot 2^{1367891} - 1$	411780	L1828	13	
1203	$789 \cdot 2^{1367445} + 1$	411645	L2030	12	

rank	description	digits	who	year	comment
1204	$245 \cdot 2^{1367128} - 1$	411549	L1862	11	
1205	$51017 \cdot 6^{528803} - 1$	411494	p258	10	
1206	$237 \cdot 2^{1366717} - 1$	411426	L1828	13	
1207	$955 \cdot 2^{1366700} + 1$	411421	L2929	12	
1208	$778 \cdot 73^{220782} + 1$	411392	L587	13	
1209	$497 \cdot 2^{1366295} + 1$	411299	L2915	12	
1210	$1085 \cdot 2^{1366270} - 1$	411292	L1828	13	
1211	$1874512^{65536} + 1$	411101	g413	08	Generalized Fermat
1212	$1055 \cdot 2^{1365519} + 1$	411066	L2453	12	
1213	$77 \cdot 2^{1365452} - 1$	411044	L2074	11	
1214	$45 \cdot 2^{1365167} + 1$	410958	L1446	10	
1215	$273 \cdot 2^{1365107} - 1$	410941	L1828	13	
1216	$241489 \cdot 2^{1365062} + 1$	410930	L101	05	
1217	$19861029 \cdot 2^{1365009} - 1$	410916	L895	12	
1218	$869 \cdot 2^{1364737} + 1$	410830	L2924	12	
1219	$321 \cdot 2^{1363671} - 1$	410509	L1830	11	
1220	$555 \cdot 2^{1363577} + 1$	410481	L2413	12	
1221	$1383 \cdot 2^{1363428} - 1$	410436	L1828	13	
1222	$1828502^{65536} + 1$	410393	GF2	05	Generalized Fermat
1223	$1035 \cdot 2^{1362722} - 1$	410224	L1828	13	
1224	$171 \cdot 2^{1362662} - 1$	410205	L1959	11	
1225	$107 \cdot 2^{1362654} - 1$	410202	L621	09	
1226	$301016 \cdot 5^{586858} - 1$	410202	L2050	11	
1227	$1123 \cdot 2^{1361432} + 1$	409835	L1300	12	
1228	$51 \cdot 2^{1358372} + 1$	408913	L1446	10	
1229	$87 \cdot 2^{1358189} - 1$	408858	L2055	11	
1230	$205 \cdot 2^{1358016} + 1$	408806	L1745	12	
1231	$35 \cdot 2^{1357881} + 1$	408765	g279	06	
1232	$203 \cdot 2^{1357425} + 1$	408628	L1201	12	
1233	$63 \cdot 2^{1357156} - 1$	408547	L1828	11	
1234	$1455 \cdot 2^{1357070} + 1$	408522	L1134	12	
1235	$63 \cdot 2^{1356980} + 1$	408494	L181	11	
1236	$7176 \cdot 29^{279240} + 1$	408364	g103	11	
1237	$273 \cdot 2^{1356347} - 1$	408304	L1828	13	
1238	$223 \cdot 2^{1356316} + 1$	408295	L1158	12	
1239	$4233 \cdot 22^{304046} + 1$	408162	L1471	13	
1240	$205 \cdot 2^{1355814} + 1$	408143	L2413	12	
1241	$347 \cdot 2^{1355595} + 1$	408078	L2913	12	
1242	$357 \cdot 2^{1355535} + 1$	408060	L2873	12	
1243	$299 \cdot 2^{1355004} - 1$	407900	L426	09	
1244	$771 \cdot 2^{1354880} + 1$	407863	L2919	12	
1245	$338707 \cdot 2^{1354830} + 1$	407850	L124	05	Cullen
1246	$199 \cdot 2^{1354385} - 1$	407713	L2074	12	
1247	$1343 \cdot 2^{1354316} - 1$	407693	L1828	13	
1248	$195 \cdot 2^{1354264} + 1$	407677	L2413	12	
1249	$8331405 \cdot 2^{1353931} - 1$	407581	L260	10	
1250	$703 \cdot 2^{1353866} + 1$	407558	L2659	12	
1251	$99 \cdot 2^{1353457} + 1$	407434	L1675	11	
1252	$763 \cdot 2^{1352872} + 1$	407258	L2121	12	
1253	$30 \cdot 939^{137000} + 1$	407257	L1471	13	

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1254	$1155 \cdot 2^{1352821} + 1$	407243	L2921	12	
1255	$367 \cdot 2^{1352793} - 1$	407234	L1830	13	
1256	$1345 \cdot 2^{1352629} - 1$	407186	L1828	13	
1257	$1085 \cdot 2^{1352556} - 1$	407163	L1828	13	
1258	$273 \cdot 2^{1352006} - 1$	406997	L1828	13	
1259	$631 \cdot 2^{1351932} + 1$	406975	L1115	12	
1260	$709 \cdot 2^{1351346} + 1$	406799	L2604	12	
1261	$539 \cdot 2^{1350581} + 1$	406569	L2951	12	
1262	$837 \cdot 2^{1350463} + 1$	406533	L1745	12	
1263	$1157 \cdot 2^{1350311} + 1$	406488	L2923	12	
1264	$1005 \cdot 2^{1349820} + 1$	406340	L2920	12	
1265	$195 \cdot 2^{1349818} + 1$	406338	L1204	12	
1266	$269 \cdot 2^{1348497} + 1$	405941	L2916	12	
1267	$1075 \cdot 2^{1348100} + 1$	405822	L2453	12	
1268	$975 \cdot 2^{1347675} + 1$	405694	L2952	12	
1269	$1540550^{65536} + 1$	405516	GF2	03	Generalized Fermat
1270	$1191 \cdot 2^{1346923} - 1$	405468	L1828	13	
1271	$1087 \cdot 2^{1346917} - 1$	405466	L121	10	
1272	$765 \cdot 2^{1346535} + 1$	405351	L2413	12	
1273	$361 \cdot 2^{1346489} - 1$	405337	L1819	13	
1274	$1063959 \cdot 2^{1346269} - 1$	405274	L466	13	
1275	$721 \cdot 2^{1346084} + 1$	405215	L1387	12	
1276	$931 \cdot 2^{1344712} + 1$	404802	L1115	12	
1277	$15 \cdot 2^{1344313} - 1$	404680	L139	07	
1278	$1169 \cdot 2^{1344265} + 1$	404668	L2922	12	
1279	$319 \cdot 2^{1344059} - 1$	404605	L1819	13	
1280	$553 \cdot 2^{1344056} + 1$	404604	L2943	12	
1281	$1483076^{65536} + 1$	404434	GF2	03	Generalized Fermat
1282	$11 \cdot 2^{1343347} + 1$	404389	p169	05	Divides $GF(1343346, 6)$
1283	$1321 \cdot 2^{1343213} - 1$	404351	L1828	13	
1284	$1478036^{65536} + 1$	404337	GF2	02	Generalized Fermat
1285	$1315 \cdot 2^{1342783} - 1$	404222	L1828	13	
1286	$607 \cdot 2^{1342336} + 1$	404087	L2675	12	
1287	$941 \cdot 2^{1341569} + 1$	403856	L1204	12	
1288	$1079 \cdot 2^{1340511} + 1$	403538	L1336	12	
1289	$1197 \cdot 2^{1340338} + 1$	403486	L2525	12	
1290	$487 \cdot 2^{1340126} + 1$	403421	L1158	12	
1291	$115 \cdot 2^{1338620} + 1$	402967	L1751	11	
1292	$921 \cdot 2^{1338408} + 1$	402904	L1204	12	
1293	$1261 \cdot 2^{1338371} - 1$	402893	L1828	12	
1294	$1099 \cdot 2^{1338041} - 1$	402794	L1828	12	
1295	$89 \cdot 2^{1338001} + 1$	402781	L1223	11	
1296	$835 \cdot 2^{1337808} + 1$	402724	L1158	12	
1297	$1309 \cdot 2^{1337417} - 1$	402606	L1828	12	
1298	$54767 \cdot 2^{1337287} + 1$	402569	SB5	02	
1299	$403 \cdot 2^{1337280} + 1$	402564	L1741	12	
1300	$407 \cdot 2^{1337203} + 1$	402541	L1972	12	
1301	$107 \cdot 2^{1337019} + 1$	402485	L2659	12	Divides $GF(1337018, 10)$
1302	$1295 \cdot 2^{1337012} - 1$	402484	L1828	12	
1303	$143 \cdot 2^{1336358} - 1$	402286	L1828	12	

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1304	$933 \cdot 2^{1336282} + 1$	402264	L2918	12	
1305	$1374038^{65536} + 1$	402260	GF3	03	Generalized Fermat
1306	$863 \cdot 2^{1336093} + 1$	402208	L1480	12	
1307	$203 \cdot 2^{1335989} + 1$	402176	L1204	12	
1308	$345 \cdot 2^{1335896} + 1$	402148	L1158	12	
1309	$81 \cdot 2^{1335675} - 1$	402081	L268	08	
1310	$739 \cdot 2^{1335442} + 1$	402011	L2085	12	
1311	$1361846^{65536} + 1$	402007	GF3	02	Generalized Fermat
1312	$335 \cdot 2^{1335337} + 1$	401980	L1776	12	
1313	$83110 \cdot 151^{184411} + 1$	401833	p365	13	
1314	$1065 \cdot 2^{1334660} - 1$	401776	L1828	12	
1315	$177 \cdot 2^{1334422} - 1$	401704	L2101	12	
1316	$87 \cdot 2^{1332741} - 1$	401197	L1828	11	
1317	$1293 \cdot 2^{1332159} - 1$	401023	L1828	12	
1318	$231 \cdot 2^{1332103} - 1$	401006	L1862	13	
1319	$8331405 \cdot 2^{1331801} - 1$	400919	L260	10	
1320	$261 \cdot 2^{1331356} + 1$	400781	L2873	12	
1321	$921 \cdot 2^{1330248} + 1$	400448	L1204	12	
1322	$18 \cdot 683^{141239} + 1$	400333	p258	13	
1323	$1341 \cdot 2^{1328829} - 1$	400021	L1828	12	
1324	$1266062^{65536} + 1$	399931	g295	02	Generalized Fermat
1325	$445 \cdot 2^{1328250} + 1$	399846	L1533	12	
1326	$1293 \cdot 2^{1327556} - 1$	399638	L1828	12	
1327	$169 \cdot 2^{1327114} + 1$	399504	L2659	12	Generalized Fermat
1328	$957 \cdot 2^{1325706} + 1$	399081	L1741	12	
1329	$1275 \cdot 2^{1325641} - 1$	399061	L1828	12	
1330	$341 \cdot 2^{1325277} + 1$	398951	L2879	12	
1331	$19 \cdot 2^{1325245} - 1$	398940	L121	10	
1332	$1089 \cdot 2^{1323857} - 1$	398524	L1828	12	
1333	$113966 \cdot 6^{511831} + 1$	398287	L1471	12	
1334	$311 \cdot 2^{1323071} + 1$	398287	L1745	12	
1335	$897 \cdot 2^{1322843} + 1$	398219	L2562	12	
1336	[ Long prime 1336 ]	398204	p44	13	
1337	$1221 \cdot 2^{1322591} - 1$	398143	L1828	12	
1338	$1371 \cdot 2^{1322077} - 1$	397988	L1828	12	
1339	$427 \cdot 2^{1321706} + 1$	397876	L2879	12	
1340	$1245 \cdot 2^{1321376} - 1$	397777	L1828	12	
1341	$471 \cdot 2^{1320865} + 1$	397623	L1935	12	
1342	$5 \cdot 2^{1320487} + 1$	397507	g55	02	Divides $GF(1320486, 12)$
1343	$363 \cdot 2^{1319756} + 1$	397289	L2873	12	
1344	$759 \cdot 2^{1319718} + 1$	397278	L1209	12	
1345	$4025 \cdot 2^{1319326} - 1$	397161	L1959	13	
1346	$525806!_7 + 1$	397102	p3	12	Multifactorial
1347	$375 \cdot 2^{1319127} - 1$	397100	L1830	13	
1348	$94189 \cdot 2^{1318646} + 1$	396957	L2777	13	Generalized Cullen
1349	$4121 \cdot 2^{1318570} - 1$	396933	L1959	13	
1350	$723 \cdot 2^{1318416} + 1$	396886	L1204	12	
1351	$289 \cdot 2^{1317378} + 1$	396573	L1132	12	Generalized Fermat
1352	$1225 \cdot 2^{1317269} - 1$	396541	L1828	12	
1353	$269 \cdot 2^{1317053} + 1$	396475	L1519	12	

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1354	$4037 \cdot 2^{1316934} - 1$	396441	L1959	13	
1355	$250463 \cdot 2^{1316921} + 1$	396439	L764	10	
1356	$451 \cdot 2^{1316832} + 1$	396409	L1158	12	
1357	$69 \cdot 2^{1316758} + 1$	396386	L1446	11	
1358	$4059 \cdot 2^{1316549} - 1$	396325	L1959	13	
1359	$28 \cdot 731^{138318} + 1$	396133	L1471	12	
1360	$431 \cdot 2^{1315773} + 1$	396090	L1158	12	
1361	$1105 \cdot 2^{1314586} + 1$	395733	L2139	12	
1362	$1087540^{65536} + 1$	395605	p320	11	Generalized Fermat
1363	$987 \cdot 2^{1314127} + 1$	395595	L2891	12	
1364	$15266 \cdot 12^{366385} - 1$	395401	p325	11	Generalized Woodall
1365	$1110 \cdot 366^{154149} - 1$	395162	L2054	11	
1366	$30994 \cdot 5^{565095} - 1$	394989	p280	11	
1367	$357 \cdot 2^{1311930} + 1$	394933	L2085	12	
1368	$1097 \cdot 2^{1311771} + 1$	394886	L2912	12	
1369	$1057476^{65536} + 1$	394807	g197	02	Generalized Fermat
1370	$1015 \cdot 2^{1311187} - 1$	394710	L1828	12	
1371	$639 \cdot 2^{1310707} + 1$	394565	L2117	12	
1372	$1001184681 \cdot 2^{1310640} + 1$	394551	p221	09	
1373	$250107985 \cdot 2^{1310642} + 1$	394551	p221	09	
1374	$165054615 \cdot 2^{1310205} - 1$	394420	L2055	13	
1375	$395 \cdot 2^{1309751} + 1$	394277	L2826	12	
1376	$4175 \cdot 2^{1309492} - 1$	394200	L1959	13	
1377	$763 \cdot 2^{1309300} + 1$	394142	L2413	12	
1378	$1171 \cdot 2^{1309048} + 1$	394066	L2705	12	
1379	$1024390^{65536} + 1$	393902	g299	03	Generalized Fermat
1380	$1157 \cdot 2^{1308162} - 1$	393800	L1828	12	
1381	$55 \cdot 2^{1308148} + 1$	393794	L1446	11	
1382	$4059 \cdot 2^{1307909} - 1$	393724	L1959	13	
1383	$399 \cdot 2^{1307450} + 1$	393585	L2659	12	
1384	$165054615 \cdot 2^{1307270} - 1$	393536	L2055	13	
1385	$351 \cdot 2^{1306875} + 1$	393412	L2562	12	
1386	$1329 \cdot 2^{1306295} - 1$	393238	L1828	12	
1387	$135 \cdot 2^{1306036} + 1$	393159	L1130	12	
1388	$1105 \cdot 2^{1305693} - 1$	393056	L1828	12	
1389	$1485 \cdot 2^{1305359} - 1$	392956	L1134	12	
1390	$154801 \cdot 2^{1305084} + 1$	392875	L764	10	
1391	$945 \cdot 2^{1304747} + 1$	392771	L1204	12	
1392	$83 \cdot 500^{145465} + 1$	392608	p355	12	
1393	$24217 \cdot 2^{1304085} - 1$	392574	L2055	12	
1394	$19581121 \cdot 2^{1303821} - 1$	392497	p49	09	
1395	$897 \cdot 2^{1303608} + 1$	392429	L1158	12	
1396	$379 \cdot 2^{1302991} - 1$	392242	L1819	13	
1397	$609 \cdot 2^{1302898} + 1$	392215	L1933	12	
1398	$1695 \cdot 2^{1302827} + 1$	392194	L527	13	
1399	$117 \cdot 2^{1302764} - 1$	392174	L1959	11	
1400	$1185 \cdot 2^{1301930} + 1$	391924	L1745	12	
1401	$429 \cdot 2^{1301821} + 1$	391890	L2914	12	
1402	$357 \cdot 2^{1301704} - 1$	391855	L1819	13	
1403	$81112 \cdot 151^{179764} + 1$	391707	p365	13	

rank	description	digits	who	year	comment
1404	$4037 \cdot 2^{1300604} - 1$	391525	L1959	13	
1405	$219259 \cdot 2^{1300450} + 1$	391480	L635	10	
1406	$205 \cdot 2^{1300401} - 1$	391463	L384	10	
1407	$587 \cdot 2^{1300051} + 1$	391358	L2085	12	
1408	$93 \cdot 2^{1299926} + 1$	391319	L1446	11	
1409	$627 \cdot 2^{1299702} + 1$	391253	L1415	11	
1410	$1011 \cdot 2^{1299555} + 1$	391209	L2805	11	
1411	$151026 \cdot 5^{559670} - 1$	391198	p307	10	
1412	$567 \cdot 2^{1298854} - 1$	390997	L1817	13	
1413	$615 \cdot 2^{1298251} + 1$	390816	L2826	11	
1414	$25 \cdot 2^{1298186} + 1$	390795	g279	05	Generalized Fermat
1415	$8331405 \cdot 2^{1297878} - 1$	390708	L260	10	
1416	$393 \cdot 2^{1297402} - 1$	390560	L644	11	
1417	$4085 \cdot 2^{1296362} - 1$	390248	L1959	13	
1418	$3938 \cdot 5^{558032} - 1$	390052	p304	10	
1419	$1215 \cdot 2^{1295400} - 1$	389958	L1828	12	
1420	$507 \cdot 2^{1295094} - 1$	389865	L1817	13	
1421	$149 \cdot 2^{1295061} + 1$	389855	L1751	11	
1422	$1011 \cdot 2^{1294485} + 1$	389682	L2659	11	
1423	$18 \cdot 189^{171175} + 1$	389675	p289	12	
1424	$3471 \cdot 2^{1293890} - 1$	389504	L1973	13	
1425	$125132 \cdot 6^{500528} - 1$	389492	L2777	12	Generalized Woodall
1426	$4009 \cdot 2^{1293751} - 1$	389462	L1959	13	
1427	$799 \cdot 2^{1293702} + 1$	389447	L1793	11	
1428	$563 \cdot 2^{1293468} - 1$	389376	L1817	13	
1429	$1077 \cdot 2^{1293068} + 1$	389256	L2826	11	
1430	$399 \cdot 2^{1293056} - 1$	389252	L644	10	
1431	$397 \cdot 2^{1293028} + 1$	389243	L2127	12	
1432	$1029 \cdot 2^{1292517} - 1$	389090	L1828	12	
1433	$99 \cdot 2^{1292395} - 1$	389052	L282	08	
1434	$857678^{65536} + 1$	388847	GF0	02	Generalized Fermat
1435	$475 \cdot 2^{1291353} - 1$	388739	L1817	13	
1436	$141 \cdot 2^{1291195} + 1$	388691	L2910	12	
1437	$475 \cdot 2^{1290255} - 1$	388409	L1817	13	
1438	$843832^{65536} + 1$	388384	GF0	01	Generalized Fermat
1439	$1019771520357 \cdot 2^{1290000} - 1$	388341	L3677	13	
1440	$1014340708377 \cdot 2^{1290000} - 1$	388341	L3210	13	
1441	$1013852682705 \cdot 2^{1290000} - 1$	388341	L927	13	
1442	$1013801112795 \cdot 2^{1290000} - 1$	388341	L2165	13	
1443	$1013078775735 \cdot 2^{1290000} - 1$	388341	L3638	13	
1444	$1009250298285 \cdot 2^{1290000} - 1$	388341	L3651	13	
1445	$1006208359095 \cdot 2^{1290000} - 1$	388341	L3651	13	
1446	$1006152210945 \cdot 2^{1290000} - 1$	388341	L3674	13	
1447	$1005777719697 \cdot 2^{1290000} - 1$	388341	L3517	13	
1448	$1005346134765 \cdot 2^{1290000} - 1$	388341	L3203	13	
1449	$1004839330467 \cdot 2^{1290000} - 1$	388341	L1695	13	
1450	$999621694437 \cdot 2^{1290000} - 1$	388341	L2435	13	
1451	$994866622857 \cdot 2^{1290000} - 1$	388341	L3321	13	
1452	$993033944775 \cdot 2^{1290000} - 1$	388341	L3669	13	
1453	$992804062035 \cdot 2^{1290000} - 1$	388341	L3550	13	

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1454	991306658235 · 2 <sup>1290000</sup> - 1	388341	L2774	13	
1455	988443269355 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1456	987951536355 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1457	987947546187 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1458	986960139027 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1459	986646492837 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1460	984971842125 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1461	984815265315 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1462	984502095915 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1463	984020087235 · 2 <sup>1290000</sup> - 1	388341	L3667	13	
1464	982862680875 · 2 <sup>1290000</sup> - 1	388341	L2760	13	
1465	981854461437 · 2 <sup>1290000</sup> - 1	388341	L3661	13	
1466	980419317267 · 2 <sup>1290000</sup> - 1	388341	L2601	13	
1467	979631785767 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1468	972354899637 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1469	971800484457 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1470	968312379687 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1471	966671575047 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1472	966517373307 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1473	964565245527 · 2 <sup>1290000</sup> - 1	388341	L3655	13	
1474	963720102345 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1475	960513995355 · 2 <sup>1290000</sup> - 1	388341	L3530	13	
1476	957710754135 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1477	957079417485 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1478	955894391307 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1479	954515883207 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1480	952957381677 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1481	951143741385 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1482	950702910927 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1483	950041665225 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1484	949825612395 · 2 <sup>1290000</sup> - 1	388341	L2482	13	
1485	948009634647 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1486	947544284685 · 2 <sup>1290000</sup> - 1	388341	L3602	13	
1487	947172395097 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1488	946728962067 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1489	945935699355 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1490	944273417817 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1491	941940401307 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1492	941332557825 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1493	941193209817 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1494	940558054077 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1495	939782353167 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1496	935256026637 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1497	934848261657 · 2 <sup>1290000</sup> - 1	388341	L3478	13	
1498	933378344775 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1499	933069639315 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1500	930685545387 · 2 <sup>1290000</sup> - 1	388341	L3387	13	
1501	929292816195 · 2 <sup>1290000</sup> - 1	388341	L3652	13	
1502	928112296947 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1503	927438140865 · 2 <sup>1290000</sup> - 1	388341	L3550	13	

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1504	926915691117 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1505	923249438895 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1506	922287228075 · 2 <sup>1290000</sup> - 1	388341	L1704	13	
1507	920524257915 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1508	920470469457 · 2 <sup>1290000</sup> - 1	388341	L3654	13	
1509	920157814677 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1510	919969693965 · 2 <sup>1290000</sup> - 1	388341	L3651	13	
1511	919571680335 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1512	918750404775 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1513	918102769257 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1514	915076577607 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1515	914750194545 · 2 <sup>1290000</sup> - 1	388341	L3521	13	
1516	914170194117 · 2 <sup>1290000</sup> - 1	388341	L3653	13	
1517	912572197665 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1518	912420115455 · 2 <sup>1290000</sup> - 1	388341	L3521	13	
1519	908954560587 · 2 <sup>1290000</sup> - 1	388341	L1683	13	
1520	908296607487 · 2 <sup>1290000</sup> - 1	388341	L2287	13	
1521	907717371825 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1522	903461791617 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1523	903420729027 · 2 <sup>1290000</sup> - 1	388341	L3647	13	
1524	899679370917 · 2 <sup>1290000</sup> - 1	388341	L3648	13	
1525	899202841647 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1526	898167691347 · 2 <sup>1290000</sup> - 1	388341	L3643	13	
1527	896401769895 · 2 <sup>1290000</sup> - 1	388341	L3627	13	
1528	894637861395 · 2 <sup>1290000</sup> - 1	388341	L1617	13	
1529	893189310477 · 2 <sup>1290000</sup> - 1	388341	L3606	13	
1530	888605121675 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1531	888393312837 · 2 <sup>1290000</sup> - 1	388341	L2457	13	
1532	888301472835 · 2 <sup>1290000</sup> - 1	388341	L3637	13	
1533	887224672425 · 2 <sup>1290000</sup> - 1	388341	L3642	13	
1534	885721881807 · 2 <sup>1290000</sup> - 1	388341	L3644	13	
1535	885236623455 · 2 <sup>1290000</sup> - 1	388341	L1844	13	
1536	883666066155 · 2 <sup>1290000</sup> - 1	388341	L3634	13	
1537	883240798125 · 2 <sup>1290000</sup> - 1	388341	L3636	13	
1538	882585723087 · 2 <sup>1290000</sup> - 1	388341	L3639	13	
1539	881424702405 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1540	880493050785 · 2 <sup>1290000</sup> - 1	388341	L3635	13	
1541	880482001467 · 2 <sup>1290000</sup> - 1	388341	L2482	13	
1542	878639678847 · 2 <sup>1290000</sup> - 1	388341	L3615	13	
1543	878374978005 · 2 <sup>1290000</sup> - 1	388341	L3638	13	
1544	878050315047 · 2 <sup>1290000</sup> - 1	388341	L1866	13	
1545	878000438817 · 2 <sup>1290000</sup> - 1	388341	L3599	13	
1546	876343168155 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1547	876300336177 · 2 <sup>1290000</sup> - 1	388341	L3632	13	
1548	876222091017 · 2 <sup>1290000</sup> - 1	388341	L2601	13	
1549	875738417277 · 2 <sup>1290000</sup> - 1	388341	L3633	13	
1550	875664474447 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1551	874292185347 · 2 <sup>1290000</sup> - 1	388341	L3628	13	
1552	871849312617 · 2 <sup>1290000</sup> - 1	388341	L3631	13	
1553	870157826865 · 2 <sup>1290000</sup> - 1	388341	L3390	13	



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1554	869864816007 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1555	869647892337 · 2 <sup>1290000</sup> - 1	388341	L3627	13	
1556	867437170857 · 2 <sup>1290000</sup> - 1	388341	L3627	13	
1557	864229553085 · 2 <sup>1290000</sup> - 1	388341	L3623	13	
1558	860584652517 · 2 <sup>1290000</sup> - 1	388341	L3626	13	
1559	859754363967 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1560	859539105297 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1561	858477576297 · 2 <sup>1290000</sup> - 1	388341	L1866	13	
1562	856533636675 · 2 <sup>1290000</sup> - 1	388341	L3621	13	
1563	855672648075 · 2 <sup>1290000</sup> - 1	388341	L3618	13	
1564	855320190345 · 2 <sup>1290000</sup> - 1	388341	L1633	13	
1565	854454107955 · 2 <sup>1290000</sup> - 1	388341	L3615	13	
1566	854014423605 · 2 <sup>1290000</sup> - 1	388341	L986	13	
1567	850825168695 · 2 <sup>1290000</sup> - 1	388341	L3622	13	
1568	850314091107 · 2 <sup>1290000</sup> - 1	388341	L3613	13	
1569	850039468245 · 2 <sup>1290000</sup> - 1	388341	L3498	13	
1570	848437471227 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1571	846919408695 · 2 <sup>1290000</sup> - 1	388341	L2360	13	
1572	845860149645 · 2 <sup>1290000</sup> - 1	388341	L2457	13	
1573	845299920495 · 2 <sup>1290000</sup> - 1	388341	L3392	13	
1574	843928486905 · 2 <sup>1290000</sup> - 1	388341	L2197	13	
1575	843016476507 · 2 <sup>1290000</sup> - 1	388341	L3371	13	
1576	839085453477 · 2 <sup>1290000</sup> - 1	388341	L3608	13	
1577	836377098945 · 2 <sup>1290000</sup> - 1	388341	L3606	13	
1578	834341653785 · 2 <sup>1290000</sup> - 1	388341	L2320	13	
1579	833507909325 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1580	832280598765 · 2 <sup>1290000</sup> - 1	388341	L1992	13	
1581	831542710605 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1582	830276810295 · 2 <sup>1290000</sup> - 1	388341	L3603	13	
1583	829614956877 · 2 <sup>1290000</sup> - 1	388341	L3611	13	
1584	829375600497 · 2 <sup>1290000</sup> - 1	388341	L3478	13	
1585	829002832647 · 2 <sup>1290000</sup> - 1	388341	L3605	13	
1586	828492868635 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1587	827973164865 · 2 <sup>1290000</sup> - 1	388341	L3478	13	
1588	826705845105 · 2 <sup>1290000</sup> - 1	388341	L3600	13	
1589	823706004555 · 2 <sup>1290000</sup> - 1	388341	L341	13	
1590	823438630947 · 2 <sup>1290000</sup> - 1	388341	L3498	13	
1591	822973127427 · 2 <sup>1290000</sup> - 1	388341	L3596	13	
1592	822849486585 · 2 <sup>1290000</sup> - 1	388341	L2405	13	
1593	821593351845 · 2 <sup>1290000</sup> - 1	388341	L3602	13	
1594	820760612787 · 2 <sup>1290000</sup> - 1	388341	L3599	13	
1595	820723060677 · 2 <sup>1290000</sup> - 1	388341	L2435	13	
1596	820135820457 · 2 <sup>1290000</sup> - 1	388341	L3346	13	
1597	820102913775 · 2 <sup>1290000</sup> - 1	388341	L3236	13	
1598	819177521697 · 2 <sup>1290000</sup> - 1	388341	L2472	13	
1599	814817666817 · 2 <sup>1290000</sup> - 1	388341	L3590	13	
1600	813989439417 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1601	809413600047 · 2 <sup>1290000</sup> - 1	388341	L3331	13	
1602	809007544455 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1603	808744158105 · 2 <sup>1290000</sup> - 1	388341	L3550	13	

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1604	806881982265 · 2 <sup>1290000</sup> - 1	388341	L992	13	
1605	804501663177 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1606	804083950257 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1607	801733068405 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1608	800717968827 · 2 <sup>1290000</sup> - 1	388341	L2165	13	
1609	799143902895 · 2 <sup>1290000</sup> - 1	388341	L3591	13	
1610	798493609665 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1611	797735864247 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1612	795154352505 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1613	794973711777 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1614	791655829167 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1615	790668022347 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1616	788897634525 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1617	786484820235 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1618	785807061627 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1619	784683127455 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1620	784173558327 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1621	781491518145 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1622	780988107765 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1623	780094698315 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1624	778889945715 · 2 <sup>1290000</sup> - 1	388341	L3419	13	
1625	778227467685 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1626	778202572035 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1627	777217454097 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1628	772880419995 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1629	772763684355 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1630	772172802735 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1631	770960461995 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1632	770527213395 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1633	769939190715 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1634	769842431967 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1635	769515689085 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1636	768825179685 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1637	768493578435 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1638	767979630735 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1639	767672240547 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1640	767444293257 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1641	767104512405 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1642	763549262187 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1643	761971146825 · 2 <sup>1290000</sup> - 1	388341	L3582	13	
1644	761182534455 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1645	760598148585 · 2 <sup>1290000</sup> - 1	388341	L2423	13	
1646	760250128137 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1647	757605926997 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1648	757145028447 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1649	756859648977 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1650	755730605115 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1651	755347333107 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1652	754113209127 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1653	753752769915 · 2 <sup>1290000</sup> - 1	388341	L3550	13	

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1654	751305641595 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1655	750972083325 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1656	749019938637 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1657	747688413507 · 2 <sup>1290000</sup> - 1	388341	L1563	13	
1658	747579165837 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1659	747242198565 · 2 <sup>1290000</sup> - 1	388341	L992	13	
1660	744892886157 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1661	744867929577 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1662	743879220357 · 2 <sup>1290000</sup> - 1	388341	L3560	13	
1663	743155848477 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1664	742816460787 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1665	740405839815 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1666	740367863007 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1667	739402959927 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1668	739153581015 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1669	738783951435 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1670	73864222477 · 2 <sup>1290000</sup> - 1	388341	L3578	13	
1671	737104389465 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1672	736757583555 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1673	736664234577 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1674	734689728285 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1675	733633674867 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1676	731362328595 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1677	728372175645 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1678	727444781565 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1679	725175563385 · 2 <sup>1290000</sup> - 1	388341	L2197	13	
1680	724880607687 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1681	721744120797 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1682	721191764835 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1683	720576978537 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1684	718171996545 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1685	717870532227 · 2 <sup>1290000</sup> - 1	388341	L975	13	
1686	717097820985 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1687	716072968635 · 2 <sup>1290000</sup> - 1	388341	L2679	13	
1688	715969980645 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1689	715814868855 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1690	712235534535 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1691	711068481357 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1692	710303309415 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1693	708551718957 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1694	708229975995 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1695	707898299127 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1696	705030433935 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1697	702242617065 · 2 <sup>1290000</sup> - 1	388341	L3574	13	
1698	701050199157 · 2 <sup>1290000</sup> - 1	388341	L3573	13	
1699	701039249685 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1700	699938225457 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1701	697876484805 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1702	697182317715 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1703	695999873697 · 2 <sup>1290000</sup> - 1	388341	L3571	13	

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1704	695079143715 · 2 <sup>1290000</sup> - 1	388341	L2197	13	
1705	689434185345 · 2 <sup>1290000</sup> - 1	388341	L1566	13	
1706	687716271357 · 2 <sup>1290000</sup> - 1	388341	L3507	13	
1707	687188015475 · 2 <sup>1290000</sup> - 1	388341	L3429	13	
1708	686937123987 · 2 <sup>1290000</sup> - 1	388341	L3563	13	
1709	686768387895 · 2 <sup>1290000</sup> - 1	388341	L3572	13	
1710	685697549955 · 2 <sup>1290000</sup> - 1	388341	L2601	13	
1711	685064645907 · 2 <sup>1290000</sup> - 1	388341	L2693	13	
1712	684872462655 · 2 <sup>1290000</sup> - 1	388341	L3568	13	
1713	684364639185 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1714	684364441467 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1715	684231201267 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1716	684168518577 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1717	684083929545 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1718	683596821747 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1719	682481695047 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1720	680633369295 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1721	680285208447 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1722	679946820315 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1723	679650559887 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1724	678718462977 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1725	677434157547 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1726	674896414575 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1727	674002958127 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1728	673205688837 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1729	672766437735 · 2 <sup>1290000</sup> - 1	388341	L3331	13	
1730	672313481805 · 2 <sup>1290000</sup> - 1	388341	L3557	13	
1731	670260024945 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1732	669404918385 · 2 <sup>1290000</sup> - 1	388341	L3560	13	
1733	665713293885 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1734	665186324085 · 2 <sup>1290000</sup> - 1	388341	L3554	13	
1735	661560458517 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1736	660633631875 · 2 <sup>1290000</sup> - 1	388341	L3550	13	
1737	659585676015 · 2 <sup>1290000</sup> - 1	388341	L2450	13	
1738	657516716925 · 2 <sup>1290000</sup> - 1	388341	L3546	13	
1739	657488545107 · 2 <sup>1290000</sup> - 1	388341	L3556	13	
1740	655030890087 · 2 <sup>1290000</sup> - 1	388341	L2354	13	
1741	654470821485 · 2 <sup>1290000</sup> - 1	388341	L3542	13	
1742	653826115005 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1743	652631778027 · 2 <sup>1290000</sup> - 1	388341	L3541	13	
1744	650715578835 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1745	650395850925 · 2 <sup>1290000</sup> - 1	388341	L3535	13	
1746	649723807287 · 2 <sup>1290000</sup> - 1	388341	L3537	13	
1747	645403665447 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1748	645183989655 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1749	644332254837 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1750	643982821797 · 2 <sup>1290000</sup> - 1	388341	L3535	13	
1751	642136678995 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
1752	640262956095 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1753	640032469305 · 2 <sup>1290000</sup> - 1	388341	L3371	13	

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1754	639442195857 · 2 <sup>1290000</sup> - 1	388341	L3536	13	
1755	639322276155 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1756	638280657105 · 2 <sup>1290000</sup> - 1	388341	L1697	13	
1757	637622451735 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1758	637078553835 · 2 <sup>1290000</sup> - 1	388341	L1430	13	
1759	635051817825 · 2 <sup>1290000</sup> - 1	388341	L3529	13	
1760	634913128047 · 2 <sup>1290000</sup> - 1	388341	L3520	13	
1761	634907213127 · 2 <sup>1290000</sup> - 1	388341	L3530	13	
1762	631738082055 · 2 <sup>1290000</sup> - 1	388341	L3525	13	
1763	631368139017 · 2 <sup>1290000</sup> - 1	388341	L2197	13	
1764	629621073837 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1765	628140225225 · 2 <sup>1290000</sup> - 1	388341	L1001	13	
1766	622777788717 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1767	622764665967 · 2 <sup>1290000</sup> - 1	388341	L2601	13	
1768	622171046565 · 2 <sup>1290000</sup> - 1	388341	L3498	13	
1769	621652716597 · 2 <sup>1290000</sup> - 1	388341	L3522	13	
1770	620799233145 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1771	620779654995 · 2 <sup>1290000</sup> - 1	388341	L1953	13	
1772	620441333295 · 2 <sup>1290000</sup> - 1	388341	L2133	13	
1773	619944319965 · 2 <sup>1290000</sup> - 1	388341	L3534	13	
1774	619106264367 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1775	618824753445 · 2 <sup>1290000</sup> - 1	388341	L1566	13	
1776	617795053785 · 2 <sup>1290000</sup> - 1	388341	L2478	13	
1777	612917120097 · 2 <sup>1290000</sup> - 1	388341	L3521	13	
1778	612861781107 · 2 <sup>1290000</sup> - 1	388341	L2595	13	
1779	612563306175 · 2 <sup>1290000</sup> - 1	388341	L2345	13	
1780	611251352847 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1781	608467591587 · 2 <sup>1290000</sup> - 1	388341	L927	13	
1782	605578149447 · 2 <sup>1290000</sup> - 1	388341	L3558	13	
1783	605500978227 · 2 <sup>1290000</sup> - 1	388341	L3520	13	
1784	605446960137 · 2 <sup>1290000</sup> - 1	388341	L3242	13	
1785	602667338535 · 2 <sup>1290000</sup> - 1	388341	L3517	13	
1786	599798757567 · 2 <sup>1290000</sup> - 1	388341	L3515	13	
1787	599415204327 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1788	598503731577 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1789	598076872617 · 2 <sup>1290000</sup> - 1	388341	L2457	13	
1790	595053598977 · 2 <sup>1290000</sup> - 1	388341	L3426	13	
1791	594635112225 · 2 <sup>1290000</sup> - 1	388341	L2457	13	
1792	594411078345 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1793	593727284685 · 2 <sup>1290000</sup> - 1	388341	L2438	13	
1794	591966620325 · 2 <sup>1290000</sup> - 1	388341	L3503	13	
1795	591088601337 · 2 <sup>1290000</sup> - 1	388341	L3394	13	
1796	590291881065 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1797	590278821135 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1798	586478944725 · 2 <sup>1290000</sup> - 1	388341	L3347	13	
1799	586267773705 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1800	585416789085 · 2 <sup>1290000</sup> - 1	388341	L3509	13	
1801	584315200737 · 2 <sup>1290000</sup> - 1	388341	L596	13	
1802	583990308807 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1803	583861939677 · 2 <sup>1290000</sup> - 1	388341	L2511	13	

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1804	583634035647 · 2 <sup>1290000</sup> - 1	388341	L2250	13	
1805	582960045915 · 2 <sup>1290000</sup> - 1	388341	L3429	13	
1806	580814815467 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1807	580137887397 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1808	580058432985 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1809	578882614455 · 2 <sup>1290000</sup> - 1	388341	L3506	13	
1810	578680361367 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1811	577630659525 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1812	576462034977 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1813	574759579665 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1814	572912625477 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1815	572811590307 · 2 <sup>1290000</sup> - 1	388341	L1617	13	
1816	572005945905 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1817	571922904705 · 2 <sup>1290000</sup> - 1	388341	L3287	13	
1818	571510228245 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1819	571015401057 · 2 <sup>1290000</sup> - 1	388341	L2496	13	
1820	570494531505 · 2 <sup>1290000</sup> - 1	388341	L596	13	
1821	569989094517 · 2 <sup>1290000</sup> - 1	388341	L3496	13	
1822	569647051785 · 2 <sup>1290000</sup> - 1	388341	L3496	13	
1823	569544800037 · 2 <sup>1290000</sup> - 1	388341	L3496	13	
1824	569433388617 · 2 <sup>1290000</sup> - 1	388341	L3287	13	
1825	568371452337 · 2 <sup>1290000</sup> - 1	388341	L3419	13	
1826	567325505337 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1827	567065977905 · 2 <sup>1290000</sup> - 1	388341	L3508	13	
1828	566645493027 · 2 <sup>1290000</sup> - 1	388341	L350	13	
1829	563283929985 · 2 <sup>1290000</sup> - 1	388341	L3507	13	
1830	562952221197 · 2 <sup>1290000</sup> - 1	388341	L3503	13	
1831	562423570665 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1832	562271489685 · 2 <sup>1290000</sup> - 1	388341	L3347	13	
1833	558276767097 · 2 <sup>1290000</sup> - 1	388341	L3503	13	
1834	557527008717 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1835	556815267057 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1836	555989462955 · 2 <sup>1290000</sup> - 1	388341	L3403	13	
1837	555736606917 · 2 <sup>1290000</sup> - 1	388341	L3504	13	
1838	555042149055 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1839	552455634117 · 2 <sup>1290000</sup> - 1	388341	L596	13	
1840	552145774407 · 2 <sup>1290000</sup> - 1	388341	L3371	13	
1841	551929936467 · 2 <sup>1290000</sup> - 1	388341	L2694	13	
1842	551474562795 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1843	550294305207 · 2 <sup>1290000</sup> - 1	388341	L2576	13	
1844	549628699977 · 2 <sup>1290000</sup> - 1	388341	L3498	13	
1845	549591461445 · 2 <sup>1290000</sup> - 1	388341	L3499	13	
1846	547763257797 · 2 <sup>1290000</sup> - 1	388341	L3381	13	
1847	546936507507 · 2 <sup>1290000</sup> - 1	388341	L2429	13	
1848	545735276445 · 2 <sup>1290000</sup> - 1	388341	L2457	13	
1849	544542834225 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1850	543921100065 · 2 <sup>1290000</sup> - 1	388341	L3498	13	
1851	543713681775 · 2 <sup>1290000</sup> - 1	388341	L3331	13	
1852	542770459917 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1853	542416935777 · 2 <sup>1290000</sup> - 1	388341	L3491	13	

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1854	542283938787 · 2 <sup>1290000</sup> - 1	388341	L2078	13	
1855	541570384875 · 2 <sup>1290000</sup> - 1	388341	L3493	13	
1856	541471202085 · 2 <sup>1290000</sup> - 1	388341	L3495	13	
1857	540975050367 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1858	538712617707 · 2 <sup>1290000</sup> - 1	388341	L3492	13	
1859	538082595237 · 2 <sup>1290000</sup> - 1	388341	L2592	13	
1860	536358872805 · 2 <sup>1290000</sup> - 1	388341	L3414	13	
1861	535503468705 · 2 <sup>1290000</sup> - 1	388341	L3486	13	
1862	534035409477 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1863	533170852965 · 2 <sup>1290000</sup> - 1	388341	L3484	13	
1864	532418746785 · 2 <sup>1290000</sup> - 1	388341	L2513	13	
1865	532404378525 · 2 <sup>1290000</sup> - 1	388341	L3331	13	
1866	531855541917 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1867	531043987287 · 2 <sup>1290000</sup> - 1	388341	L3488	13	
1868	530923354617 · 2 <sup>1290000</sup> - 1	388341	L3496	13	
1869	530777731167 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1870	529531285257 · 2 <sup>1290000</sup> - 1	388341	L2429	13	
1871	529257936177 · 2 <sup>1290000</sup> - 1	388341	L2438	13	
1872	529057346727 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1873	528602512707 · 2 <sup>1290000</sup> - 1	388341	L3482	13	
1874	526027719045 · 2 <sup>1290000</sup> - 1	388341	L3419	13	
1875	524341294227 · 2 <sup>1290000</sup> - 1	388341	L3480	13	
1876	524136855195 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1877	523530466587 · 2 <sup>1290000</sup> - 1	388341	L3479	13	
1878	516998500665 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1879	514525069425 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1880	514407948465 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1881	514090509387 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1882	513723027177 · 2 <sup>1290000</sup> - 1	388341	L1948	13	
1883	513519859785 · 2 <sup>1290000</sup> - 1	388341	L1319	13	
1884	511783584975 · 2 <sup>1290000</sup> - 1	388341	L3478	13	
1885	510926069745 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1886	510293735415 · 2 <sup>1290000</sup> - 1	388341	L3474	13	
1887	509489086125 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1888	504246821325 · 2 <sup>1290000</sup> - 1	388341	L1704	13	
1889	502725411867 · 2 <sup>1290000</sup> - 1	388341	L324	13	
1890	502051417905 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1891	501535801035 · 2 <sup>1290000</sup> - 1	388341	L1589	13	
1892	501099334437 · 2 <sup>1290000</sup> - 1	388341	L3394	13	
1893	500797558137 · 2 <sup>1290000</sup> - 1	388341	L3426	13	
1894	498983752545 · 2 <sup>1290000</sup> - 1	388341	L3429	13	
1895	498742912167 · 2 <sup>1290000</sup> - 1	388341	L3433	13	
1896	495979824777 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1897	495395016165 · 2 <sup>1290000</sup> - 1	388341	L3434	13	
1898	492105155355 · 2 <sup>1290000</sup> - 1	388341	L3429	13	
1899	490304446095 · 2 <sup>1290000</sup> - 1	388341	L2754	13	
1900	490219448607 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1901	488346762615 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1902	487982955705 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1903	487546507035 · 2 <sup>1290000</sup> - 1	388341	L3203	13	

rank	description	digits	who	year	comment
1904	487181668965 · 2 <sup>1290000</sup> - 1	388341	L3370	13	
1905	486388606077 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1906	483590093385 · 2 <sup>1290000</sup> - 1	388341	L3425	13	
1907	483037018875 · 2 <sup>1290000</sup> - 1	388341	L3364	13	
1908	482707780095 · 2 <sup>1290000</sup> - 1	388341	L1566	13	
1909	481466629917 · 2 <sup>1290000</sup> - 1	388341	L2679	13	
1910	481206806505 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1911	478721887857 · 2 <sup>1290000</sup> - 1	388341	L2382	13	
1912	478231940697 · 2 <sup>1290000</sup> - 1	388341	L3424	13	
1913	478122454647 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1914	477193095615 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1915	476420190477 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1916	475923957327 · 2 <sup>1290000</sup> - 1	388341	L3408	13	
1917	474545076717 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1918	472272459375 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1919	471930299277 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1920	470489079777 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1921	468362986905 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1922	468131627955 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1923	466183143855 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1924	466053081195 · 2 <sup>1290000</sup> - 1	388341	L3406	13	
1925	466012946187 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1926	464751767235 · 2 <sup>1290000</sup> - 1	388341	L341	13	
1927	464642860755 · 2 <sup>1290000</sup> - 1	388341	L3408	13	
1928	464211505485 · 2 <sup>1290000</sup> - 1	388341	L3421	13	
1929	462720783765 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1930	460079202795 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1931	459743401245 · 2 <sup>1290000</sup> - 1	388341	L3419	13	
1932	458967184485 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1933	458423603277 · 2 <sup>1290000</sup> - 1	388341	L1709	13	
1934	454117301367 · 2 <sup>1290000</sup> - 1	388341	L3414	13	
1935	453546687195 · 2 <sup>1290000</sup> - 1	388341	L3411	13	
1936	452727224595 · 2 <sup>1290000</sup> - 1	388341	L1591	13	
1937	452642177067 · 2 <sup>1290000</sup> - 1	388341	L3558	13	
1938	452177767305 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1939	451995338007 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1940	450384051945 · 2 <sup>1290000</sup> - 1	388341	L3416	13	
1941	449590794345 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
1942	444461468607 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1943	441308694687 · 2 <sup>1290000</sup> - 1	388341	L3408	13	
1944	439341206577 · 2 <sup>1290000</sup> - 1	388341	L3420	13	
1945	438477490227 · 2 <sup>1290000</sup> - 1	388341	L3374	13	
1946	438364166205 · 2 <sup>1290000</sup> - 1	388341	L1566	13	
1947	437917057497 · 2 <sup>1290000</sup> - 1	388341	L3407	13	
1948	437325048657 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1949	436607622117 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1950	436478024895 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1951	436055812185 · 2 <sup>1290000</sup> - 1	388341	L2773	13	
1952	435927336225 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1953	435912195117 · 2 <sup>1290000</sup> - 1	388341	L3203	13	



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1954	433010529945 · 2 <sup>1290000</sup> - 1	388341	L3406	13	
1955	428717133117 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
1956	428274732825 · 2 <sup>1290000</sup> - 1	388341	L3351	13	
1957	427175730777 · 2 <sup>1290000</sup> - 1	388341	L3346	13	
1958	426981529275 · 2 <sup>1290000</sup> - 1	388341	L3408	13	
1959	426737166705 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1960	425503288395 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1961	425299333305 · 2 <sup>1290000</sup> - 1	388341	L3406	13	
1962	422035568997 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1963	421730567295 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1964	421019352015 · 2 <sup>1290000</sup> - 1	388341	L3408	13	
1965	418900895157 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
1966	417689147295 · 2 <sup>1290000</sup> - 1	388341	L2573	13	
1967	416920273425 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1968	416910000045 · 2 <sup>1290000</sup> - 1	388341	L2414	13	
1969	416527998267 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
1970	415200631965 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1971	413741476575 · 2 <sup>1290000</sup> - 1	388341	L3402	13	
1972	412802577777 · 2 <sup>1290000</sup> - 1	388341	L3401	13	
1973	411400570875 · 2 <sup>1290000</sup> - 1	388341	L3403	13	
1974	408052817385 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1975	405016485417 · 2 <sup>1290000</sup> - 1	388341	L3399	13	
1976	404450582655 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1977	403975756275 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1978	403420675947 · 2 <sup>1290000</sup> - 1	388341	L958	13	
1979	402776612535 · 2 <sup>1290000</sup> - 1	388341	L1878	13	
1980	402258232425 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1981	402133268805 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
1982	401208945867 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
1983	399430753647 · 2 <sup>1290000</sup> - 1	388341	L1878	13	
1984	398418183117 · 2 <sup>1290000</sup> - 1	388341	L1219	13	
1985	397630568025 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
1986	397062502587 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
1987	395796534105 · 2 <sup>1290000</sup> - 1	388341	L3398	13	
1988	393755567235 · 2 <sup>1290000</sup> - 1	388341	L1921	13	
1989	391663070727 · 2 <sup>1290000</sup> - 1	388341	L339	13	
1990	389472350787 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
1991	388885035327 · 2 <sup>1290000</sup> - 1	388341	L3396	13	
1992	388560534435 · 2 <sup>1290000</sup> - 1	388341	L2573	13	
1993	387306335355 · 2 <sup>1290000</sup> - 1	388341	L975	13	
1994	385503198645 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
1995	382888657287 · 2 <sup>1290000</sup> - 1	388341	L2265	13	
1996	381922845405 · 2 <sup>1290000</sup> - 1	388341	L3400	13	
1997	380782489155 · 2 <sup>1290000</sup> - 1	388341	L3394	13	
1998	380775574335 · 2 <sup>1290000</sup> - 1	388341	L3393	13	
1999	378007820157 · 2 <sup>1290000</sup> - 1	388341	L2672	13	
2000	374411762805 · 2 <sup>1290000</sup> - 1	388341	L3339	13	
2001	369122650197 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2002	369006330537 · 2 <sup>1290000</sup> - 1	388341	L955	13	
2003	364461749535 · 2 <sup>1290000</sup> - 1	388341	L3274	13	

rank	description	digits	who	year	comment
2004	362503367145 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
2005	361379454135 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
2006	360149900547 · 2 <sup>1290000</sup> - 1	388341	L2600	13	
2007	359877353517 · 2 <sup>1290000</sup> - 1	388341	L3391	13	
2008	359587336335 · 2 <sup>1290000</sup> - 1	388341	L1866	13	
2009	359064382245 · 2 <sup>1290000</sup> - 1	388341	L2472	13	
2010	358210953207 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
2011	355678913445 · 2 <sup>1290000</sup> - 1	388341	L2283	13	
2012	355665110127 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2013	354721848567 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2014	351910312257 · 2 <sup>1290000</sup> - 1	388341	L1920	13	
2015	351809291337 · 2 <sup>1290000</sup> - 1	388341	L3388	13	
2016	351479778855 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
2017	349652325447 · 2 <sup>1290000</sup> - 1	388341	L3387	13	
2018	349574475297 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2019	348711084015 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2020	347101956357 · 2 <sup>1290000</sup> - 1	388341	L3392	13	
2021	346864603797 · 2 <sup>1290000</sup> - 1	388341	L3384	13	
2022	345129242337 · 2 <sup>1290000</sup> - 1	388341	L3390	13	
2023	343251791157 · 2 <sup>1290000</sup> - 1	388341	L3383	13	
2024	343057896135 · 2 <sup>1290000</sup> - 1	388341	L3382	13	
2025	341816713665 · 2 <sup>1290000</sup> - 1	388341	L3381	13	
2026	341365397037 · 2 <sup>1290000</sup> - 1	388341	L3380	13	
2027	339806310177 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2028	339519840987 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2029	336417947565 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2030	336094377897 · 2 <sup>1290000</sup> - 1	388341	L3379	13	
2031	331571640507 · 2 <sup>1290000</sup> - 1	388341	L2449	13	
2032	329105404995 · 2 <sup>1290000</sup> - 1	388341	L2090	13	
2033	325627281705 · 2 <sup>1290000</sup> - 1	388341	L1814	13	
2034	325022118267 · 2 <sup>1290000</sup> - 1	388341	L2592	13	
2035	324405963567 · 2 <sup>1290000</sup> - 1	388341	L975	13	
2036	323721714825 · 2 <sup>1290000</sup> - 1	388341	L3374	13	
2037	323180607615 · 2 <sup>1290000</sup> - 1	388341	L324	13	
2038	323151630597 · 2 <sup>1290000</sup> - 1	388341	L2249	13	
2039	323062155117 · 2 <sup>1290000</sup> - 1	388341	L2511	13	
2040	323032715775 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
2041	322458158997 · 2 <sup>1290000</sup> - 1	388341	L2204	13	
2042	321326067837 · 2 <sup>1290000</sup> - 1	388341	L2449	13	
2043	318109905615 · 2 <sup>1290000</sup> - 1	388341	L3373	13	
2044	317525245347 · 2 <sup>1290000</sup> - 1	388341	L3371	13	
2045	315206425035 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2046	314138547285 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2047	313644839055 · 2 <sup>1290000</sup> - 1	388341	L3370	13	
2048	312580841685 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2049	312435776037 · 2 <sup>1290000</sup> - 1	388341	L1704	13	
2050	311422843587 · 2 <sup>1290000</sup> - 1	388341	L1745	13	
2051	310812367497 · 2 <sup>1290000</sup> - 1	388341	L3375	13	
2052	310491816507 · 2 <sup>1290000</sup> - 1	388341	L3346	13	
2053	309431698875 · 2 <sup>1290000</sup> - 1	388341	L3274	13	

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2054	309125593227 · 2 <sup>1290000</sup> - 1	388341	L3321	13	
2055	307795218687 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2056	306223342407 · 2 <sup>1290000</sup> - 1	388341	L3369	13	
2057	303771085455 · 2 <sup>1290000</sup> - 1	388341	L2083	13	
2058	300377054607 · 2 <sup>1290000</sup> - 1	388341	L3364	13	
2059	299556989487 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
2060	297145470657 · 2 <sup>1290000</sup> - 1	388341	L3404	13	
2061	295499484735 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2062	294333095247 · 2 <sup>1290000</sup> - 1	388341	L3360	13	
2063	294176747907 · 2 <sup>1290000</sup> - 1	388341	L3395	13	
2064	293988475497 · 2 <sup>1290000</sup> - 1	388341	L1697	13	
2065	288326168427 · 2 <sup>1290000</sup> - 1	388341	L3357	13	
2066	287991223887 · 2 <sup>1290000</sup> - 1	388341	L1589	13	
2067	286852475595 · 2 <sup>1290000</sup> - 1	388341	L3255	13	
2068	286688330805 · 2 <sup>1290000</sup> - 1	388341	L3359	13	
2069	286622010675 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2070	286371264795 · 2 <sup>1290000</sup> - 1	388341	L2249	13	
2071	283483489905 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2072	283269826017 · 2 <sup>1290000</sup> - 1	388341	L1684	13	
2073	283141970085 · 2 <sup>1290000</sup> - 1	388341	L3355	13	
2074	281151438795 · 2 <sup>1290000</sup> - 1	388341	L2379	13	
2075	281120825067 · 2 <sup>1290000</sup> - 1	388341	L3346	13	
2076	278822882037 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
2077	278807949387 · 2 <sup>1290000</sup> - 1	388341	L2592	13	
2078	278469371715 · 2 <sup>1290000</sup> - 1	388341	L3351	13	
2079	275590614537 · 2 <sup>1290000</sup> - 1	388341	L3365	13	
2080	275470214925 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
2081	272759221245 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
2082	270952368585 · 2 <sup>1290000</sup> - 1	388341	L3349	13	
2083	270531056787 · 2 <sup>1290000</sup> - 1	388341	L3350	13	
2084	270043531455 · 2 <sup>1290000</sup> - 1	388341	L3210	13	
2085	269009459325 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2086	268379334447 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2087	268081360785 · 2 <sup>1290000</sup> - 1	388341	L3203	13	
2088	267934317495 · 2 <sup>1290000</sup> - 1	388341	L3332	13	
2089	267257797635 · 2 <sup>1290000</sup> - 1	388341	L3337	13	
2090	263847069405 · 2 <sup>1290000</sup> - 1	388341	L3347	13	
2091	262612971045 · 2 <sup>1290000</sup> - 1	388341	L3274	13	
2092	261643415715 · 2 <sup>1290000</sup> - 1	388341	L2438	12	
2093	260849015397 · 2 <sup>1290000</sup> - 1	388341	L3203	12	
2094	260715365475 · 2 <sup>1290000</sup> - 1	388341	L1929	12	
2095	260227577727 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2096	260109856197 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2097	260093628975 · 2 <sup>1290000</sup> - 1	388341	L3346	12	
2098	258572084955 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2099	252970964277 · 2 <sup>1290000</sup> - 1	388341	L3203	12	
2100	251309396835 · 2 <sup>1290000</sup> - 1	388341	L1319	12	
2101	251269114257 · 2 <sup>1290000</sup> - 1	388341	L1319	12	
2102	250180546665 · 2 <sup>1290000</sup> - 1	388341	L1704	12	
2103	248186300367 · 2 <sup>1290000</sup> - 1	388341	L3274	12	

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2104	246240340467 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2105	244704278205 · 2 <sup>1290000</sup> - 1	388341	L3341	12	
2106	244623864417 · 2 <sup>1290000</sup> - 1	388341	L2354	12	
2107	241209176217 · 2 <sup>1290000</sup> - 1	388341	L3342	12	
2108	239413763685 · 2 <sup>1290000</sup> - 1	388341	L2449	12	
2109	234475865655 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2110	232778043615 · 2 <sup>1290000</sup> - 1	388341	L3339	12	
2111	232740942315 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2112	232328690025 · 2 <sup>1290000</sup> - 1	388341	L2457	12	
2113	231572092755 · 2 <sup>1290000</sup> - 1	388341	L3340	12	
2114	230348154045 · 2 <sup>1290000</sup> - 1	388341	L955	12	
2115	225597278625 · 2 <sup>1290000</sup> - 1	388341	L3331	12	
2116	223708869267 · 2 <sup>1290000</sup> - 1	388341	L3337	12	
2117	218503291197 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2118	216416889747 · 2 <sup>1290000</sup> - 1	388341	L1929	12	
2119	214133231697 · 2 <sup>1290000</sup> - 1	388341	L927	12	
2120	213551907327 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2121	213198352425 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2122	212135542017 · 2 <sup>1290000</sup> - 1	388341	L927	12	
2123	206951361687 · 2 <sup>1290000</sup> - 1	388341	L1637	12	
2124	204320222925 · 2 <sup>1290000</sup> - 1	388341	L3330	12	
2125	203226067005 · 2 <sup>1290000</sup> - 1	388341	L3274	12	
2126	201526452825 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2127	200476914855 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2128	199585358175 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2129	199394692497 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2130	199294582755 · 2 <sup>1290000</sup> - 1	388340	L955	12	
2131	199069404915 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2132	198089444247 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2133	197583066117 · 2 <sup>1290000</sup> - 1	388340	L955	12	
2134	196125259785 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2135	192026664657 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2136	191408032317 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2137	188190677397 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2138	188177713677 · 2 <sup>1290000</sup> - 1	388340	L3334	12	
2139	187663366467 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2140	180160106877 · 2 <sup>1290000</sup> - 1	388340	L3331	12	
2141	179253304767 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2142	179108866545 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2143	178994497575 · 2 <sup>1290000</sup> - 1	388340	L2368	12	
2144	178847912745 · 2 <sup>1290000</sup> - 1	388340	L3330	12	
2145	177472004367 · 2 <sup>1290000</sup> - 1	388340	L2379	12	
2146	173890572975 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2147	164136998667 · 2 <sup>1290000</sup> - 1	388340	L2449	12	
2148	164130856365 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2149	163354130247 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2150	162624326205 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2151	162236489067 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2152	159234953055 · 2 <sup>1290000</sup> - 1	388340	L3332	12	
2153	157842034035 · 2 <sup>1290000</sup> - 1	388340	L3274	12	

rank	description	digits	who	year	comment
2154	157608823797 · 2 <sup>1290000</sup> - 1	388340	L3328	12	
2155	156343422987 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2156	151155604437 · 2 <sup>1290000</sup> - 1	388340	L3322	12	
2157	151013786217 · 2 <sup>1290000</sup> - 1	388340	L2164	12	
2158	149875663077 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2159	148042284915 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2160	145028100747 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2161	144643566987 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2162	144033075777 · 2 <sup>1290000</sup> - 1	388340	L2679	12	
2163	143858211957 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2164	143727108945 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2165	142726671747 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2166	142631667285 · 2 <sup>1290000</sup> - 1	388340	L2354	12	
2167	141451978605 · 2 <sup>1290000</sup> - 1	388340	L3321	12	
2168	139942421115 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2169	139604474667 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2170	134368933107 · 2 <sup>1290000</sup> - 1	388340	L2753	12	
2171	129948302025 · 2 <sup>1290000</sup> - 1	388340	L2164	12	
2172	128031171567 · 2 <sup>1290000</sup> - 1	388340	L3252	12	
2173	126206397135 · 2 <sup>1290000</sup> - 1	388340	L2164	12	
2174	125000856225 · 2 <sup>1290000</sup> - 1	388340	L2457	12	
2175	124901305767 · 2 <sup>1290000</sup> - 1	388340	L3316	12	
2176	124490444505 · 2 <sup>1290000</sup> - 1	388340	L2679	12	
2177	120858765657 · 2 <sup>1290000</sup> - 1	388340	L1430	12	
2178	120816250005 · 2 <sup>1290000</sup> - 1	388340	L3216	12	
2179	120238040277 · 2 <sup>1290000</sup> - 1	388340	L2457	12	
2180	119948786085 · 2 <sup>1290000</sup> - 1	388340	L2457	12	
2181	119117512797 · 2 <sup>1290000</sup> - 1	388340	L1430	12	
2182	119033472225 · 2 <sup>1290000</sup> - 1	388340	L3252	12	
2183	117474057165 · 2 <sup>1290000</sup> - 1	388340	L1588	12	
2184	116194215975 · 2 <sup>1290000</sup> - 1	388340	L2197	12	
2185	115619101425 · 2 <sup>1290000</sup> - 1	388340	L1126	12	
2186	113105840787 · 2 <sup>1290000</sup> - 1	388340	L3287	12	
2187	113018799645 · 2 <sup>1290000</sup> - 1	388340	L3203	12	
2188	110657314995 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2189	110261397207 · 2 <sup>1290000</sup> - 1	388340	L2197	12	
2190	109785059895 · 2 <sup>1290000</sup> - 1	388340	L1219	12	
2191	109728390567 · 2 <sup>1290000</sup> - 1	388340	L2430	12	
2192	109602297105 · 2 <sup>1290000</sup> - 1	388340	L327	12	
2193	108456662097 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2194	106106030067 · 2 <sup>1290000</sup> - 1	388340	L3274	12	
2195	104252569725 · 2 <sup>1290000</sup> - 1	388340	L3270	12	
2196	103809047877 · 2 <sup>1290000</sup> - 1	388340	L2679	12	
2197	102979478985 · 2 <sup>1290000</sup> - 1	388340	L3240	12	
2198	102649169667 · 2 <sup>1290000</sup> - 1	388340	L3228	12	
2199	102249845505 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2200	100492076865 · 2 <sup>1290000</sup> - 1	388340	L2504	12	
2201	98571391305 · 2 <sup>1290000</sup> - 1	388340	L2679	12	
2202	96382357725 · 2 <sup>1290000</sup> - 1	388340	L2250	12	
2203	95886360717 · 2 <sup>1290000</sup> - 1	388340	L2680	12	

rank	description	digits	who	year	comment
2204	94451818965 · 2 <sup>1290000</sup> - 1	388340	L1637	12	
2205	93693950385 · 2 <sup>1290000</sup> - 1	388340	L3558	12	
2206	93083051085 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2207	91591849695 · 2 <sup>1290000</sup> - 1	388340	L2283	12	
2208	90446547765 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2209	88769823315 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2210	87988707537 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2211	86374243377 · 2 <sup>1290000</sup> - 1	388340	L2197	12	
2212	85794708807 · 2 <sup>1290000</sup> - 1	388340	L3252	12	
2213	83743656027 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2214	80303450925 · 2 <sup>1290000</sup> - 1	388340	L2478	12	
2215	78681832677 · 2 <sup>1290000</sup> - 1	388340	L3228	12	
2216	74675041395 · 2 <sup>1290000</sup> - 1	388340	L3255	12	
2217	74231734815 · 2 <sup>1290000</sup> - 1	388340	L3256	12	
2218	72835395717 · 2 <sup>1290000</sup> - 1	388340	L3252	12	
2219	71741989455 · 2 <sup>1290000</sup> - 1	388340	L3251	12	
2220	71626994637 · 2 <sup>1290000</sup> - 1	388340	L3258	12	
2221	67762687755 · 2 <sup>1290000</sup> - 1	388340	L1684	12	
2222	67400286705 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2223	67157081175 · 2 <sup>1290000</sup> - 1	388340	L3203	12	
2224	67098088347 · 2 <sup>1290000</sup> - 1	388340	L1430	12	
2225	66947810457 · 2 <sup>1290000</sup> - 1	388340	L324	12	
2226	64932421227 · 2 <sup>1290000</sup> - 1	388340	L3247	12	
2227	61579159647 · 2 <sup>1290000</sup> - 1	388340	L324	12	
2228	60496370625 · 2 <sup>1290000</sup> - 1	388340	L324	12	
2229	58109428725 · 2 <sup>1290000</sup> - 1	388340	L324	12	
2230	57670269765 · 2 <sup>1290000</sup> - 1	388340	L1591	12	
2231	56617104687 · 2 <sup>1290000</sup> - 1	388340	L927	12	
2232	55829500977 · 2 <sup>1290000</sup> - 1	388340	L3218	12	
2233	53955457827 · 2 <sup>1290000</sup> - 1	388340	L3242	12	
2234	53568698727 · 2 <sup>1290000</sup> - 1	388340	L3240	12	
2235	48325829277 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2236	47104579725 · 2 <sup>1290000</sup> - 1	388340	L2407	12	
2237	46936849605 · 2 <sup>1290000</sup> - 1	388340	L3235	12	
2238	46395065715 · 2 <sup>1290000</sup> - 1	388340	L3236	12	
2239	41291130657 · 2 <sup>1290000</sup> - 1	388340	L1866	12	
2240	40870411575 · 2 <sup>1290000</sup> - 1	388340	L3228	12	
2241	37892782587 · 2 <sup>1290000</sup> - 1	388340	L990	12	
2242	37336992075 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2243	35970599667 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2244	35783326245 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2245	34158740037 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2246	31188104787 · 2 <sup>1290000</sup> - 1	388340	L3204	12	
2247	30185015115 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2248	27706601877 · 2 <sup>1290000</sup> - 1	388340	L3204	12	
2249	26268238845 · 2 <sup>1290000</sup> - 1	388340	L3227	12	
2250	25940129427 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2251	25759355835 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2252	24441821505 · 2 <sup>1290000</sup> - 1	388340	L3226	12	
2253	24291776847 · 2 <sup>1290000</sup> - 1	388340	L3226	12	

rank	description	digits	who	year	comment
2254	$22811654325 \cdot 2^{1290000} - 1$	388340	L3226	12	
2255	$22781007375 \cdot 2^{1290000} - 1$	388340	L1684	12	
2256	$21141924615 \cdot 2^{1290000} - 1$	388340	L1684	12	
2257	$19793417607 \cdot 2^{1290000} - 1$	388339	L3224	12	
2258	$15882136965 \cdot 2^{1290000} - 1$	388339	L3218	12	
2259	$12814002747 \cdot 2^{1290000} - 1$	388339	L1603	12	
2260	$12257525817 \cdot 2^{1290000} - 1$	388339	L3203	12	
2261	$11389198515 \cdot 2^{1290000} - 1$	388339	L3216	12	
2262	$11340242595 \cdot 2^{1290000} - 1$	388339	L3214	12	
2263	$11211544347 \cdot 2^{1290000} - 1$	388339	L1430	12	
2264	$8909655825 \cdot 2^{1290000} - 1$	388339	L3210	12	
2265	$8575097877 \cdot 2^{1290000} - 1$	388339	L3208	12	
2266	$5792192997 \cdot 2^{1290000} - 1$	388339	L989	12	
2267	$3347418345 \cdot 2^{1290000} - 1$	388339	L1433	12	
2268	$3160221645 \cdot 2^{1290000} - 1$	388339	L3203	12	
2269	$2862479727 \cdot 2^{1290000} - 1$	388339	L3204	12	
2270	$835738017 \cdot 2^{1290000} - 1$	388338	L596	12	
2271	$455 \cdot 2^{1289501} + 1$	388182	L2909	12	
2272	$307 \cdot 2^{1289306} + 1$	388123	L1204	12	
2273	$665 \cdot 2^{1289005} + 1$	388032	L2816	11	
2274	$167 \cdot 2^{1288922} - 1$	388007	L1862	13	
2275	$439 \cdot 2^{1288818} + 1$	387976	L2917	12	
2276	$2538 \cdot 30^{262614} - 1$	387917	p268	12	
2277	$135 \cdot 2^{1288177} - 1$	387783	L1959	11	
2278	$527 \cdot 2^{1287756} - 1$	387656	L1817	13	
2279	$1153 \cdot 2^{1287198} + 1$	387489	L2815	11	
2280	$603 \cdot 2^{1286394} + 1$	387246	L2702	11	
2281	$305 \cdot 2^{1285643} + 1$	387020	L1209	12	
2282	$1025 \cdot 2^{1285388} - 1$	386944	L1828	12	
2283	$1195 \cdot 2^{1284795} - 1$	386765	L1828	12	
2284	$243 \cdot 2^{1284429} + 1$	386655	L165	11	
2285	$4 \cdot 257^{160422} + 1$	386607	p258	11	Generalized Fermat
2286	$138847 \cdot 2^{1283793} - 1$	386466	L2	03	
2287	$453 \cdot 2^{1283560} - 1$	386393	L1817	13	
2288	$1015 \cdot 2^{1283425} - 1$	386353	L1828	12	
2289	$4043 \cdot 2^{1283396} - 1$	386345	L1959	13	
2290	$131 \cdot 2^{1283258} - 1$	386302	L1862	11	
2291	$5 \cdot 2^{1282755} + 1$	386149	g55	02	Divides $GF(1282754, 3)$ , $GF(1282748, 5)$
2292	$259 \cdot 2^{1282582} + 1$	386099	L1818	12	
2293	$1145 \cdot 2^{1282568} - 1$	386095	L1828	12	
2294	$1093 \cdot 2^{1282080} + 1$	385948	L2322	11	
2295	$569 \cdot 2^{1282077} + 1$	385947	L1387	11	
2296	$1189 \cdot 2^{1282034} + 1$	385934	L2814	11	
2297	$1141 \cdot 2^{1281659} - 1$	385821	L1828	12	
2298	$181 \cdot 2^{1281453} - 1$	385759	L2484	11	
2299	$105782 \cdot 5^{551766} - 1$	385673	p306	10	
2300	$2 \cdot 101^{192275} + 1$	385382	L1471	10	
2301	$623 \cdot 2^{1280125} + 1$	385359	L2659	11	
2302	$381 \cdot 2^{1279983} + 1$	385316	L2908	12	

rank	description	digits	who	year	comment
2303	$691 \cdot 2^{1279212} + 1$	385085	L2626	11	
2304	$945 \cdot 2^{1278825} + 1$	384968	L1595	11	
2305	$349 \cdot 2^{1278551} - 1$	384885	L579	10	
2306	$1105 \cdot 2^{1278476} + 1$	384863	L2724	11	
2307	$231 \cdot 2^{1278235} - 1$	384790	L2338	12	
2308	$141 \cdot 2^{1276616} + 1$	384302	L2612	12	
2309	$1981 \cdot 2^{1276439} - 1$	384250	L1134	12	
2310	$15 \cdot 2^{1276177} + 1$	384169	g279	06	Divides $GF(1276174, 3)$ , $GF(1276174, 10)$
2311	$205 \cdot 2^{1275889} - 1$	384084	L384	10	
2312	$255 \cdot 2^{1275596} + 1$	383996	L2533	12	
2313	$375 \cdot 2^{1275345} - 1$	383920	L1819	13	
2314	$975 \cdot 2^{1274973} + 1$	383809	L2653	11	
2315	$757 \cdot 2^{1274676} + 1$	383719	L1935	11	
2316	$1011 \cdot 2^{1274643} + 1$	383709	L2736	11	
2317	$9 \cdot 10^{383643} - 1$	383644	p297	11	Near-repdigit
2318	$2955 \cdot 2^{1274306} - 1$	383608	L1959	13	
2319	$1185 \cdot 2^{1273795} + 1$	383454	L2732	11	
2320	$147 \cdot 2^{1273684} - 1$	383420	L1959	11	
2321	$1155 \cdot 2^{1273521} + 1$	383372	L1505	11	
2322	$923 \cdot 2^{1273465} + 1$	383355	L2542	11	
2323	$1103 \cdot 2^{1273105} + 1$	383246	L1121	11	
2324	$471 \cdot 2^{1273000} + 1$	383214	L1933	12	
2325	$643 \cdot 2^{1272644} + 1$	383107	L2522	11	
2326	$89 \cdot 2^{1272457} + 1$	383050	L1204	11	
2327	$21701 \cdot 2^{1272326} - 1$	383013	L2055	12	
2328	$1347 \cdot 2^{1271948} - 1$	382898	L1828	12	
2329	$108045 \cdot 2^{1271488} - 1$	382762	L466	13	
2330	$1191 \cdot 2^{1271153} - 1$	382659	L1828	12	
2331	$1385 \cdot 2^{1270984} - 1$	382608	L1828	12	
2332	$1011 \cdot 2^{1270883} + 1$	382577	L2813	11	
2333	$4069 \cdot 2^{1270119} - 1$	382348	L1959	13	
2334	$163747 \cdot 6^{491241} - 1$	382266	L2841	12	Generalized Woodall
2335	$475 \cdot 2^{1269578} + 1$	382184	L2802	12	
2336	$251 \cdot 2^{1269198} - 1$	382070	L251	10	
2337	$565 \cdot 2^{1269153} - 1$	382056	L1817	13	
2338	$781 \cdot 2^{1269036} + 1$	382021	L1935	11	
2339	$1268979 \cdot 2^{1268979} - 1$	382007	L201	07	Woodall
2340	$1235 \cdot 2^{1268980} - 1$	382005	L1828	12	
2341	$671600^{65536} + 1$	381886	g55	02	Generalized Fermat
2342	$225 \cdot 2^{1268579} + 1$	381883	L2085	12	
2343	$193 \cdot 2^{1268399} - 1$	381829	L1959	11	
2344	$973 \cdot 2^{1267246} + 1$	381483	L1745	11	
2345	$1041 \cdot 2^{1267241} - 1$	381481	L1828	12	
2346	$987 \cdot 2^{1267175} + 1$	381461	L2545	11	
2347	$813 \cdot 2^{1267125} + 1$	381446	L2821	11	
2348	$937 \cdot 2^{1267000} + 1$	381408	L2503	11	
2349	$4051 \cdot 2^{1266809} - 1$	381352	L1959	13	
2350	$2175 \cdot 2^{1266475} - 1$	381251	L1862	13	
2351	$2505 \cdot 2^{1264470} - 1$	380647	L1959	13	



rank	description	digits	who	year	comment
2352	$911 \cdot 2^{1263831} + 1$	380454	L2812	11	
2353	$733 \cdot 2^{1263802} + 1$	380446	L2048	11	
2354	$109988 \cdot 5^{544269} + 1$	380433	p292	11	
2355	$1197 \cdot 2^{1263698} + 1$	380415	L2375	11	
2356	$1425 \cdot 2^{1263665} - 1$	380405	L1134	12	
2357	$481 \cdot 2^{1263444} + 1$	380338	L2826	12	
2358	$3954 \cdot 148^{175188} - 1$	380208	p268	12	
2359	$789 \cdot 2^{1262973} + 1$	380196	L2805	11	
2360	$993 \cdot 2^{1262086} + 1$	379929	L2711	11	
2361	$4157 \cdot 2^{1261974} - 1$	379896	L1959	13	
2362	$11 \cdot 2^{1261478} - 1$	379744	L163	06	
2363	$1035 \cdot 2^{1260911} - 1$	379576	L1828	12	
2364	$48166 \cdot 151^{174188} + 1$	379557	p365	13	
2365	$105 \cdot 2^{1260218} + 1$	379366	L1751	11	
2366	$977 \cdot 2^{1260108} - 1$	379334	L2257	13	
2367	$1063 \cdot 2^{1260091} - 1$	379329	L1828	12	
2368	$717 \cdot 2^{1260087} + 1$	379327	L2545	11	
2369	$291 \cdot 2^{1260056} + 1$	379318	L2562	12	
2370	$4037 \cdot 2^{1259918} - 1$	379277	L1959	13	
2371	$433 \cdot 2^{1259831} - 1$	379250	L1817	13	
2372	$68492 \cdot 5^{542553} + 1$	379234	L2342	11	
2373	$26 \cdot 941^{127533} + 1$	379233	L1471	12	
2374	$741 \cdot 2^{1259168} + 1$	379051	L2659	11	
2375	$525 \cdot 2^{1258688} + 1$	378906	L2811	11	
2376	$25 \cdot 2^{1258562} + 1$	378867	g279	04	Generalized Fermat
2377	$781 \cdot 2^{1258420} + 1$	378826	L2085	11	
2378	$4005 \cdot 2^{1258162} - 1$	378749	L1959	13	
2379	$571 \cdot 2^{1258052} + 1$	378715	L1149	11	
2380	$917 \cdot 2^{1258011} + 1$	378703	L2702	11	
2381	$1219 \cdot 2^{1257913} - 1$	378673	L1828	12	
2382	$883 \cdot 2^{1257858} + 1$	378656	L2085	11	
2383	$321 \cdot 2^{1257859} + 1$	378656	L2038	12	
2384	$2084259 \cdot 2^{1257787} - 1$	378638	L466	08	
2385	$987537 \cdot 2^{1257787} + 1$	378638	L466	11	
2386	$26869 \cdot 2^{1257787} - 1$	378637	L466	07	
2387	$2^{1257787} - 1$	378632	SG	96	Mersenne 34
2388	$291 \cdot 2^{1257405} - 1$	378520	L2338	12	
2389	$49 \cdot 2^{1257295} - 1$	378486	L217	08	
2390	$6201 \cdot 2^{1257068} + 1$	378419	L667	08	
2391	$555 \cdot 2^{1257047} + 1$	378412	L2716	11	
2392	$119 \cdot 2^{1256952} - 1$	378383	L2338	11	
2393	$983 \cdot 2^{1256756} - 1$	378325	L1817	13	
2394	$1485 \cdot 2^{1256516} + 1$	378253	L1134	12	
2395	$793 \cdot 2^{1256511} - 1$	378251	L1817	13	
2396	$89725 \cdot 2^{1256151} - 1$	378145	p260	12	Generalized Woodall
2397	$341 \cdot 2^{1255881} + 1$	378061	L2824	12	
2398	$693 \cdot 2^{1255879} - 1$	378061	L1817	13	
2399	$579 \cdot 2^{1255762} + 1$	378025	L2810	11	
2400	$4097 \cdot 2^{1255462} - 1$	377936	L1959	13	
2401	[ Long prime 2401 ]	377922	x29	12	

rank	description	digits	who	year	comment
2402	$691 \cdot 2^{1255260} + 1$	377874	L2820	11	
2403	$502051!_7 + 1$	377722	p3	12	Multifactorial
2404	$81 \cdot 2^{1254155} + 1$	377541	gt	07	
2405	$815 \cdot 2^{1253904} - 1$	377466	L2257	13	
2406	$27 \cdot 2^{1253870} - 1$	377454	L65	08	
2407	$745 \cdot 2^{1253108} + 1$	377226	L2522	11	
2408	$1041 \cdot 2^{1252387} - 1$	377010	L1828	12	
2409	$877 \cdot 2^{1251678} + 1$	376796	L2655	11	
2410	$585 \cdot 2^{1251530} + 1$	376751	L2809	11	
2411	$1395 \cdot 2^{1251292} - 1$	376680	L1828	12	
2412	$80857169 \cdot 2^{1251076} - 1$	376620	L10	04	
2413	$1123 \cdot 2^{1250755} - 1$	376518	L1828	12	
2414	$181 \cdot 2^{1250169} - 1$	376341	L2074	11	
2415	$775 \cdot 2^{1250106} + 1$	376323	L2549	11	
2416	$57023 \cdot 6^{483561} - 1$	376289	p258	09	
2417	$871 \cdot 2^{1249947} - 1$	376275	L2257	13	
2418	$549868^{65536} + 1$	376194	g295	03	Generalized Fermat
2419	$1043 \cdot 2^{1249633} + 1$	376181	L2540	11	
2420	$207 \cdot 2^{1249252} + 1$	376065	L2906	12	
2421	$201 \cdot 2^{1249030} - 1$	375998	L1862	11	
2422	$544118^{65536} + 1$	375895	g295	02	Generalized Fermat
2423	$821 \cdot 2^{1248033} + 1$	375699	L2808	11	
2424	$391 \cdot 2^{1247959} - 1$	375676	L644	10	
2425	$43902 \cdot 31^{251859} - 1$	375618	L2054	11	
2426	$1269 \cdot 2^{1246504} - 1$	375239	L1828	12	
2427	$329 \cdot 2^{1246017} + 1$	375092	L2085	12	Divides Fermat $F(1246013)$
2428	$2053 \cdot 12^{347512} - 1$	375032	p255	12	
2429	$979 \cdot 2^{1245698} + 1$	374996	L2826	11	
2430	$4117 \cdot 2^{1245557} - 1$	374954	L1959	13	
2431	$22 \cdot 3^{785831} - 1$	374939	L3326	12	
2432	$153 \cdot 2^{1245154} - 1$	374831	L1959	11	
2433	$1061 \cdot 2^{1245114} - 1$	374820	L1828	12	
2434	$4197 \cdot 2^{1245038} - 1$	374798	L1959	13	
2435	$165 \cdot 2^{1244739} + 1$	374706	L1562	12	
2436	$375 \cdot 2^{1244550} + 1$	374650	L1158	12	
2437	$1209 \cdot 2^{1244507} - 1$	374638	L1828	12	
2438	$15 \cdot 2^{1244377} + 1$	374596	g279	06	
2439	$1167 \cdot 2^{1244321} - 1$	374582	L1828	12	
2440	$178602 \cdot 5^{535806} - 1$	374518	L2777	12	Generalized Woodall
2441	$169 \cdot 2^{1243903} - 1$	374455	L282	10	
2442	$7 \cdot 362^{146341} - 1$	374445	L1471	11	
2443	$1017 \cdot 2^{1243364} + 1$	374293	L2807	11	
2444	$423 \cdot 2^{1243214} - 1$	374248	L1817	13	
2445	$1245 \cdot 2^{1243197} - 1$	374243	L1828	12	
2446	$825 \cdot 2^{1243193} + 1$	374242	L2730	11	
2447	$1041 \cdot 2^{1242900} + 1$	374154	L2413	11	
2448	$139 \cdot 2^{1242661} - 1$	374081	L2074	12	
2449	$257708 \cdot 5^{535176} - 1$	374078	p196	07	
2450	$119 \cdot 2^{1242207} + 1$	373944	L1751	11	
2451	$123 \cdot 2^{1241690} - 1$	373789	L1959	11	

rank	description	digits	who	year	comment
2452	$707 \cdot 2^{1241499} + 1$	373732	L2806	11	
2453	$673 \cdot 2^{1241262} + 1$	373660	L2805	11	
2454	$285 \cdot 2^{1241173} + 1$	373633	L2085	12	
2455	$1077 \cdot 2^{1240976} + 1$	373575	L2085	11	
2456	$27029 \cdot 2^{1240648} - 1$	373477	L2055	11	
2457	$369 \cdot 2^{1240510} + 1$	373434	L2905	12	
2458	$159 \cdot 2^{1240229} - 1$	373349	L1959	11	
2459	$21 \cdot 2^{1240067} + 1$	373299	g279	04	
2460	$425 \cdot 2^{1240016} - 1$	373285	L1817	13	
2461	$8579 \cdot 10^{373260} - 1$	373264	p265	10	
2462	$315 \cdot 2^{1239735} + 1$	373200	L2907	12	
2463	$1345 \cdot 2^{1239661} - 1$	373179	L1828	12	
2464	$435 \cdot 2^{1239504} + 1$	373131	L2805	12	
2465	$1147 \cdot 2^{1237642} + 1$	372571	L2659	11	
2466	$1113 \cdot 2^{1236797} + 1$	372317	L2829	11	
2467	$165 \cdot 2^{1235490} - 1$	371922	L2101	11	
2468	$43 \cdot 2^{1235298} + 1$	371864	g279	06	
2469	$577 \cdot 2^{1235058} + 1$	371793	L2804	11	
2470	$615 \cdot 2^{1235039} - 1$	371787	L1978	12	
2471	$259738 \cdot 3^{779214} + 1$	371785	L2777	11	Generalized Cullen
2472	$185 \cdot 2^{1234730} - 1$	371694	L1959	11	
2473	$19861029 \cdot 2^{1234572} - 1$	371651	L895	12	
2474	$4163 \cdot 2^{1234360} - 1$	371584	L1959	13	
2475	$595 \cdot 2^{1234025} - 1$	371482	L1817	13	
2476	$13483 \cdot 2^{1233619} - 1$	371361	L2055	11	
2477	$705 \cdot 2^{1233563} - 1$	371343	L2257	12	
2478	$531 \cdot 2^{1233440} + 1$	371306	L2803	11	Divides $GF(1233439, 5)$
2479	$145 \cdot 2^{1233286} + 1$	371259	L1751	11	
2480	$1045 \cdot 2^{1233270} + 1$	371255	L2659	11	
2481	$2 \cdot 170^{166428} - 1$	371210	L2054	11	
2482	$1067 \cdot 2^{1232654} - 1$	371069	L1828	12	
2483	$711 \cdot 2^{1232535} + 1$	371033	L1303	11	
2484	$569 \cdot 2^{1232424} - 1$	371000	L1817	13	
2485	$987 \cdot 2^{1232387} + 1$	370989	L2619	11	
2486	$3 \cdot 2^{1232255} - 1$	370947	L30	04	
2487	$1157 \cdot 2^{1231906} - 1$	370844	L1828	12	
2488	$51 \cdot 2^{1231665} - 1$	370770	L384	10	
2489	$957 \cdot 2^{1231656} + 1$	370769	L1741	11	
2490	$1119 \cdot 2^{1231192} - 1$	370629	L1828	12	
2491	$1129 \cdot 2^{1230141} - 1$	370313	L1828	12	
2492	$1075 \cdot 2^{1229708} + 1$	370183	L2522	11	
2493	$15 \cdot 2^{1229600} + 1$	370148	g279	06	
2494	$19581121 \cdot 2^{1229561} - 1$	370143	p49	08	
2495	$513 \cdot 2^{1229391} - 1$	370087	L2047	13	
2496	$879 \cdot 2^{1229303} - 1$	370061	L1817	12	
2497	$440846^{65536} + 1$	369904	GC1	02	Generalized Fermat
2498	$349 \cdot 2^{1228715} - 1$	369883	L579	10	
2499	$1315 \cdot 2^{1228613} - 1$	369853	L1828	12	
2500	$613 \cdot 2^{1228474} + 1$	369811	L2659	11	
2501	$631 \cdot 2^{1228421} - 1$	369795	L2257	12	

rank	description	digits	who	year	comment
2502	$889 \cdot 2^{1228285} - 1$	369754	L2257	12	
2503	$1159 \cdot 2^{1227650} + 1$	369563	L1935	11	
2504	$1307 \cdot 2^{1227482} - 1$	369513	L1828	12	
2505	$593 \cdot 2^{1227476} - 1$	369510	L1817	13	
2506	$757 \cdot 2^{1227234} + 1$	369438	L1210	11	
2507	$1085 \cdot 2^{1226897} + 1$	369336	L2655	11	
2508	$573 \cdot 2^{1226854} - 1$	369323	L1817	13	
2509	$919 \cdot 2^{1226562} + 1$	369235	L2797	11	
2510	$2145 \cdot 2^{1226291} - 1$	369154	L1862	13	
2511	$287 \cdot 2^{1226144} - 1$	369109	p279	10	
2512	$86 \cdot 123^{176510} - 1$	368892	L1471	12	
2513	$123 \cdot 2^{1225115} - 1$	368799	L1959	11	
2514	$8331405 \cdot 2^{1224804} - 1$	368710	L260	10	
2515	$4185 \cdot 2^{1224663} - 1$	368664	L1959	13	
2516	$179 \cdot 2^{1224019} + 1$	368469	L2835	12	
2517	$1023 \cdot 2^{1223814} + 1$	368408	L2117	11	
2518	$515 \cdot 2^{1223805} + 1$	368405	L2322	11	
2519	$849 \cdot 2^{1223571} - 1$	368335	L1815	12	
2520	$1027 \cdot 2^{1222565} - 1$	368032	L1828	12	
2521	$141 \cdot 2^{1222421} + 1$	367988	L1751	11	
2522	$1027 \cdot 2^{1221942} + 1$	367845	L2802	11	
2523	$4135 \cdot 2^{1221887} - 1$	367829	L1959	13	
2524	$4175 \cdot 2^{1221640} - 1$	367754	L1959	13	
2525	$351 \cdot 2^{1221009} + 1$	367563	L2861	12	
2526	$107 \cdot 2^{1220391} + 1$	367377	L2873	12	
2527	$1183 \cdot 2^{1220323} - 1$	367357	L1828	12	
2528	$128552 \cdot 5^{255537} + 1$	367340	p292	10	
2529	$429 \cdot 2^{1220185} + 1$	367315	L1158	12	
2530	$913 \cdot 2^{1220010} + 1$	367263	L2801	11	
2531	[ Long prime 2531 ]	367199	p342	12	
2532	$1277 \cdot 2^{1219524} - 1$	367117	L1828	12	
2533	$827 \cdot 2^{1219466} - 1$	367099	L1815	12	
2534	$183 \cdot 2^{1219415} - 1$	367083	L2055	11	
2535	$177482 \cdot 117^{177482} + 1$	367072	g407	08	Generalized Cullen
2536	$583 \cdot 2^{1219350} + 1$	367064	L2800	11	
2537	$4083 \cdot 2^{1219134} - 1$	367000	L1959	13	
2538	$1305 \cdot 2^{1219127} - 1$	366997	L1828	12	
2539	$122 \cdot 18^{292318} + 1$	366941	p231	09	
2540	$621 \cdot 2^{1218520} + 1$	366814	L2085	11	
2541	$315 \cdot 2^{1218433} + 1$	366788	L1568	11	
2542	$174 \cdot 1021^{121880} - 1$	366743	L2054	11	
2543	$347 \cdot 2^{1218211} + 1$	366721	L2085	12	
2544	$4179 \cdot 2^{1218144} - 1$	366702	L1959	13	
2545	$997 \cdot 2^{1216484} + 1$	366202	L2539	11	
2546	$2061 \cdot 2^{1216253} - 1$	366132	L840	13	
2547	$563 \cdot 2^{1216134} - 1$	366096	L1817	13	
2548	$553 \cdot 2^{1216046} + 1$	366070	L2413	11	
2549	$153 \cdot 2^{1215327} - 1$	365853	L2055	11	
2550	$843301\# - 1$	365851	p302	10	Primorial
2551	$1151 \cdot 2^{1215135} + 1$	365796	L2779	11	

rank	description	digits	who	year	comment
2552	$1305 \cdot 2^{1215064} - 1$	365774	L1828	12	
2553	$143 \cdot 2^{1214022} - 1$	365460	L1828	12	
2554	$153 \cdot 2^{1214002} + 1$	365454	L1751	11	
2555	$771 \cdot 2^{1213789} - 1$	365390	L1815	12	
2556	$1127 \cdot 2^{1213307} + 1$	365245	L2799	11	
2557	$4095 \cdot 2^{1213247} - 1$	365228	L1959	13	
2558	$1051 \cdot 2^{1212772} + 1$	365084	L2785	11	
2559	$883 \cdot 2^{1212322} + 1$	364949	L2796	11	
2560	$1121 \cdot 2^{1212101} + 1$	364882	L2797	11	
2561	$99 \cdot 2^{1211757} + 1$	364778	L1446	11	Divides $GF(1211755, 5)$
2562	$25 \cdot 2^{1211488} + 1$	364696	g279	05	Generalized Fermat, divides $GF(1211487, 12)$
2563	$595 \cdot 2^{1211446} + 1$	364685	L2551	11	
2564	$4031 \cdot 2^{1211274} - 1$	364634	L1959	13	
2565	$2085 \cdot 2^{1211126} - 1$	364589	L840	13	
2566	$9 \cdot 10^{364521} - 1$	364522	p297	10	Near-repdigit
2567	$117 \cdot 2^{1210282} - 1$	364334	L2055	11	
2568	$108045 \cdot 2^{1210075} - 1$	364274	L466	12	
2569	$707 \cdot 2^{1209654} - 1$	364145	L1815	12	
2570	$181 \cdot 2^{1209572} + 1$	364120	L2904	11	
2571	$1365 \cdot 2^{1209522} + 1$	364106	L1134	12	
2572	$369 \cdot 2^{1209435} + 1$	364079	L1745	11	
2573	$403 \cdot 2^{1209326} + 1$	364047	L2903	11	
2574	$951 \cdot 2^{1209290} - 1$	364036	L1815	12	
2575	$333 \cdot 2^{1209174} - 1$	364001	L1830	10	
2576	$273 \cdot 2^{1209170} - 1$	363999	L2338	12	
2577	$357868^{65536} + 1$	363969	g266	03	Generalized Fermat
2578	$2415 \cdot 2^{1208963} - 1$	363938	L2074	13	
2579	$703 \cdot 2^{1208892} + 1$	363916	L2100	11	
2580	$1035 \cdot 2^{1208884} - 1$	363914	L1828	12	
2581	$1051 \cdot 2^{1208312} + 1$	363742	L2659	11	
2582	$241 \cdot 2^{1208307} - 1$	363740	L2338	12	
2583	$249 \cdot 2^{1208142} + 1$	363690	L1158	11	
2584	$835 \cdot 2^{1207821} - 1$	363594	L1815	12	
2585	$155 \cdot 2^{1207424} - 1$	363474	L1959	11	
2586	$165 \cdot 2^{1207393} + 1$	363464	L2884	12	
2587	$209 \cdot 2^{1207276} - 1$	363429	L2338	11	
2588	$154962 \cdot 221^{154962} - 1$	363297	L3269	12	Generalized Woodall
2589	$183916 \cdot 5^{519597} - 1$	363188	p304	10	
2590	$69 \cdot 2^{1206353} + 1$	363151	g246	10	
2591	$235 \cdot 2^{1206136} + 1$	363086	L2516	11	
2592	$973 \cdot 2^{1206088} + 1$	363072	L2085	11	
2593	$1097 \cdot 2^{1206076} - 1$	363069	L1828	12	
2594	$1119 \cdot 2^{1205879} - 1$	363009	L1828	12	
2595	$120585 \cdot 2^{1205851} - 1$	363003	p260	12	Generalized Woodall
2596	$429 \cdot 2^{1205440} - 1$	362877	L1817	13	
2597	$921 \cdot 2^{1205199} + 1$	362805	L2794	11	
2598	$2 \cdot 698^{127558} - 1$	362757	L2054	11	
2599	$269 \cdot 2^{1204740} - 1$	362666	L282	10	
2600	$78 \cdot 916^{122431} - 1$	362630	p355	13	

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2601	$621 \cdot 2^{1204299} + 1$	362533	L2793	11	
2602	$475 \cdot 2^{1204215} - 1$	362508	L1817	13	
2603	$689 \cdot 2^{1204032} - 1$	362453	L1815	12	
2604	$2^{1203793} - 2^{601897} + 1$	362378	L192	06	Gaussian Mersenne norm 37
2605	$861 \cdot 2^{1203625} - 1$	362331	L251	11	
2606	$1035 \cdot 2^{1203377} - 1$	362256	L1828	12	
2607	$25 \cdot 800^{124713} - 1$	362055	p355	12	
2608	$945 \cdot 2^{1202538} - 1$	362003	L1815	12	
2609	$279 \cdot 2^{1202283} - 1$	361926	L2338	12	
2610	$537 \cdot 2^{1201791} + 1$	361778	L2702	11	
2611	$927 \cdot 2^{1201644} - 1$	361734	L1815	12	
2612	$1107 \cdot 2^{1201166} - 1$	361591	L1828	12	
2613	$3 \cdot 2^{1201046} - 1$	361552	L77	04	
2614	$1323 \cdot 2^{1200980} - 1$	361535	L1828	12	
2615	$545 \cdot 2^{1200769} + 1$	361471	L1934	11	
2616	$469 \cdot 2^{1200635} - 1$	361430	L1817	13	
2617	$863 \cdot 2^{1200565} + 1$	361410	L1533	11	
2618	$6 \cdot 272^{148426} - 1$	361355	L1471	11	
2619	$699 \cdot 2^{1200343} + 1$	361343	L1303	11	
2620	$183500 \cdot 93^{183500} + 1$	361222	g157	12	Generalized Cullen
2621	$502541 \cdot 2^{1199930} - 1$	361221	L93	04	
2622	$1153 \cdot 2^{1199835} - 1$	361190	L1828	12	
2623	$155 \cdot 2^{1199689} + 1$	361145	L1751	11	
2624	$2611 \cdot 2^{1199467} - 1$	361079	L2708	11	
2625	$4179 \cdot 2^{1199409} - 1$	361062	L1959	13	
2626	$4021 \cdot 2^{1199103} - 1$	360970	L1959	13	
2627	$943 \cdot 2^{1198931} - 1$	360918	L1815	12	
2628	$1011 \cdot 2^{1198498} - 1$	360787	L1828	12	
2629	$587 \cdot 2^{1198111} + 1$	360671	L2620	11	
2630	$4175 \cdot 2^{1197888} - 1$	360604	L1959	13	
2631	$9999992 \cdot 10^{360403} - 1$	360410	L1958	11	Near-repdigit
2632	$34693 \cdot 2^{1197131} - 1$	360377	L2055	11	
2633	$83 \cdot 706^{126486} - 1$	360336	L1471	11	
2634	$1027 \cdot 2^{1196957} - 1$	360323	L1828	12	
2635	$1335 \cdot 2^{1196731} - 1$	360256	L1828	12	
2636	$1029 \cdot 2^{1196674} + 1$	360238	L1408	11	
2637	$163 \cdot 2^{1196434} + 1$	360165	L1751	11	
2638	$1019 \cdot 2^{1196379} + 1$	360149	L1513	11	
2639	$53542 \cdot 5^{515155} - 1$	360083	p305	10	
2640	$843 \cdot 2^{1195408} - 1$	359857	L1815	12	
2641	$153222 \cdot 223^{153222} - 1$	359818	L2777	12	Generalized Woodall
2642	$1195203 \cdot 2^{1195203} - 1$	359799	L124	05	Woodall
2643	$142223 \cdot 2^{1194492} - 1$	359584	L3169	12	
2644	$193558 \cdot 72^{193558} - 1$	359507	p357	13	Generalized Woodall
2645	$5 \cdot 2^{1194164} - 1$	359480	L478	08	
2646	$1075 \cdot 2^{1194063} - 1$	359452	L1828	12	
2647	$873 \cdot 2^{1193802} - 1$	359374	L1815	12	
2648	$1165 \cdot 2^{1193202} + 1$	359193	L2540	11	
2649	$105 \cdot 2^{1193072} - 1$	359153	L384	09	
2650	$83 \cdot 2^{1192950} - 1$	359116	L1884	10	

rank	description	digits	who	year	comment
2651	$8 \cdot 202^{155771} - 1$	359108	p258	10	
2652	$103 \cdot 2^{1192775} - 1$	359064	L2484	12	
2653	$799 \cdot 2^{1192254} + 1$	358908	L2749	11	
2654	$507 \cdot 2^{1192088} - 1$	358857	L1817	13	
2656	$7989 \cdot 2^{1191405} + 1$	358653	L3676	13	
2658	$4133 \cdot 2^{1191148} - 1$	358575	L1959	13	
2659	$825 \cdot 2^{1191114} - 1$	358564	L1815	12	
2660	$1515 \cdot 2^{1191090} + 1$	358557	L3141	13	
2661	$7307 \cdot 2^{1190911} + 1$	358504	L3675	13	
2662	$285 \cdot 2^{1190854} - 1$	358486	L2338	12	
2663	$4341 \cdot 2^{1190849} + 1$	358485	L3548	13	
2664	$9675 \cdot 2^{1190784} + 1$	358466	L2520	13	
2665	$6035 \cdot 2^{1190759} + 1$	358458	L3548	13	
2666	$5527 \cdot 2^{1190718} + 1$	358446	L3548	13	
2667	$519 \cdot 2^{1190660} - 1$	358428	L1817	13	
2668	$3159 \cdot 2^{1190565} + 1$	358400	L3548	13	
2669	$6419 \cdot 2^{1190541} + 1$	358393	L3548	13	
2670	$478253!_7 + 1$	358376	p3	11	Multifactorial
2671	$5817 \cdot 2^{1190371} + 1$	358342	L3548	13	
2672	$1751 \cdot 2^{1190227} + 1$	358298	L3548	13	
2673	$6027 \cdot 2^{1190132} + 1$	358270	L3548	13	
2674	$2585 \cdot 2^{1190117} + 1$	358265	L3262	13	
2675	$8841 \cdot 2^{1190048} + 1$	358245	L3548	13	
2676	$4709 \cdot 2^{1190047} + 1$	358244	L3548	13	
2677	$2827 \cdot 2^{1190026} + 1$	358237	L3548	13	
2678	$292550^{65536} + 1$	358233	GC2	02	Generalized Fermat
2679	$5865 \cdot 2^{1189894} - 1$	358198	L2338	13	
2680	$443 \cdot 2^{1189865} + 1$	358188	L2735	11	
2681	$633 \cdot 2^{1189809} + 1$	358171	L2085	11	
2682	$291726^{65536} + 1$	358153	GC2	02	Generalized Fermat
2683	$3333 \cdot 2^{1189552} + 1$	358095	L3548	13	
2684	$5445 \cdot 2^{1189501} - 1$	358080	L2338	13	
2685	$6193 \cdot 2^{1189212} + 1$	357993	L3548	13	
2686	$1385 \cdot 2^{1189055} + 1$	357945	L1158	13	
2687	$4209 \cdot 2^{1189039} + 1$	357941	L3548	13	
2688	$4311 \cdot 2^{1188865} + 1$	357888	L3548	13	
2689	$2079 \cdot 2^{1188790} + 1$	357865	L3548	13	
2690	$7155 \cdot 2^{1188689} + 1$	357835	L1158	13	
2691	$8623 \cdot 2^{1188512} + 1$	357782	L3672	13	
2692	$7573 \cdot 2^{1188452} + 1$	357764	L2549	13	
2693	$2501 \cdot 2^{1188391} + 1$	357745	L3262	13	
2694	$1365 \cdot 2^{1188377} + 1$	357741	L1134	12	
2695	$7169 \cdot 2^{1188285} + 1$	357714	L1204	13	
2696	$7041 \cdot 2^{1188277} + 1$	357711	L1761	13	
2697	$1957 \cdot 2^{1188096} + 1$	357656	L1741	13	
2698	$5015 \cdot 2^{1188077} + 1$	357651	L3548	13	
2699	$5433 \cdot 2^{1188064} + 1$	357647	L3548	13	
2700	$3865 \cdot 2^{1188054} + 1$	357644	L3262	13	
2701	$9285 \cdot 2^{1187900} + 1$	357598	L1957	13	
2702	$1683 \cdot 2^{1187897} + 1$	357596	L3548	13	

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2703	$6825 \cdot 2^{1187855} + 1$	357584	L3548	13	
2704	$3595 \cdot 2^{1187792} + 1$	357565	L3271	13	
2705	$1943 \cdot 2^{1187769} + 1$	357558	L3548	13	
2706	$4133 \cdot 2^{1187560} - 1$	357495	L1959	13	
2707	$2751 \cdot 2^{1187481} + 1$	357471	L3548	13	
2708	$249 \cdot 2^{1187471} + 1$	357467	L2706	11	
2709	$4627 \cdot 2^{1187440} + 1$	357459	L1524	13	
2710	$3077 \cdot 2^{1187371} + 1$	357438	L3262	13	
2711	$9705 \cdot 2^{1187300} + 1$	357417	L1741	13	
2712	$4025 \cdot 2^{1187135} + 1$	357367	L3548	13	
2713	$5679 \cdot 2^{1187093} + 1$	357355	L3262	13	
2714	$5157 \cdot 2^{1187071} + 1$	357348	L2520	13	
2715	$181 \cdot 2^{1186763} - 1$	357254	L2074	11	
2716	$8799 \cdot 2^{1186641} + 1$	357219	L2826	13	
2717	$389 \cdot 2^{1186577} + 1$	357198	L2859	11	
2718	$8253 \cdot 2^{1186570} + 1$	357198	L3672	13	
2719	$8257 \cdot 2^{1186462} + 1$	357165	L1957	13	
2720	$4047 \cdot 2^{1186391} + 1$	357143	L2520	13	
2721	$9569 \cdot 2^{1186241} + 1$	357099	L1158	13	
2722	$789 \cdot 2^{1186225} - 1$	357093	L1815	12	
2723	$8103 \cdot 2^{1186145} + 1$	357070	L3262	13	
2724	$9125 \cdot 2^{1186051} + 1$	357041	L3673	13	
2725	$1965 \cdot 2^{1185987} + 1$	357021	L3548	13	
2726	$6751 \cdot 2^{1185888} + 1$	356992	L3548	13	
2727	$2751 \cdot 2^{1185719} + 1$	356941	L3548	13	
2728	$5471 \cdot 2^{1185669} + 1$	356926	L3262	13	
2729	$8329 \cdot 2^{1185626} + 1$	356913	L2626	13	
2730	$8859 \cdot 2^{1185414} + 1$	356850	L2837	13	
2731	$1153 \cdot 2^{1185339} - 1$	356826	L1828	12	
2732	$545 \cdot 2^{1185295} + 1$	356813	L2724	11	
2733	$2985 \cdot 2^{1185243} - 1$	356798	L1959	13	
2734	$1733 \cdot 2^{1185141} + 1$	356767	L3548	13	
2735	$71009 \cdot 2^{1185112} - 1$	356760	L47	04	
2736	$6639 \cdot 2^{1185078} + 1$	356748	L3548	13	
2737	$9379 \cdot 2^{1185070} + 1$	356746	L3487	13	
2738	$8341 \cdot 2^{1185068} + 1$	356745	L1158	13	
2739	$2043 \cdot 2^{1185062} - 1$	356743	L840	13	
2740	$1077 \cdot 2^{1184936} + 1$	356705	L2792	11	
2741	$5681 \cdot 2^{1184867} + 1$	356685	L3262	13	
2742	$7289 \cdot 2^{1184837} + 1$	356676	L3035	13	
2743	$2179 \cdot 2^{1184826} + 1$	356672	L3548	13	
2744	$7147 \cdot 2^{1184808} + 1$	356667	L3173	13	
2745	$5349 \cdot 2^{1184670} + 1$	356625	L3548	13	
2746	$9473 \cdot 2^{1184621} + 1$	356611	L1158	13	
2747	$5127 \cdot 2^{1184594} + 1$	356603	L3262	13	
2748	$8007 \cdot 2^{1184518} + 1$	356580	L3671	13	
2749	$3911 \cdot 2^{1184499} + 1$	356574	L3548	13	
2750	$4607 \cdot 2^{1184495} + 1$	356573	L3548	13	
2751	$655 \cdot 2^{1184445} - 1$	356557	L1817	12	
2752	$9093 \cdot 2^{1184434} + 1$	356555	L1354	13	



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2753	$9485 \cdot 2^{1184433} + 1$	356554	L3668	13	
2754	$1049 \cdot 2^{1184377} + 1$	356537	L2791	11	
2755	$948 \cdot 112^{173968} - 1$	356502	L1471	12	
2756	$6627 \cdot 2^{1184226} + 1$	356492	L3548	13	
2757	$78959 \cdot 6^{458114} - 1$	356487	p256	09	
2758	$435 \cdot 2^{1183997} + 1$	356422	L2861	11	
2759	$2261 \cdot 2^{1183767} + 1$	356353	L2163	13	
2760	$4713 \cdot 2^{1183713} + 1$	356337	L3664	13	
2761	$1869 \cdot 2^{1183653} + 1$	356319	L3548	13	
2762	$4251 \cdot 2^{1183517} + 1$	356278	L3663	13	
2763	$201 \cdot 2^{1183137} - 1$	356163	L282	10	
2764	$78 \cdot 916^{120247} - 1$	356161	p355	13	
2765	$3065 \cdot 2^{1183121} + 1$	356159	L2494	13	
2766	$8745 \cdot 2^{1182856} + 1$	356080	L2823	13	
2767	$8175 \cdot 2^{1182758} + 1$	356050	L3035	13	
2768	$6869 \cdot 2^{1182713} + 1$	356036	L3662	13	
2769	$4393 \cdot 2^{1182674} + 1$	356024	L3548	13	
2770	$4781 \cdot 2^{1182667} + 1$	356022	L3548	13	
2771	$4957 \cdot 2^{1182584} + 1$	355997	L3548	13	
2772	$1457 \cdot 2^{1182563} + 1$	355991	L3548	13	
2773	$4025 \cdot 2^{1182516} - 1$	355977	L1959	13	
2774	$481 \cdot 2^{1182519} - 1$	355977	L1817	13	
2775	$7145 \cdot 2^{1182427} + 1$	355950	L3548	13	
2776	$7179 \cdot 2^{1182373} + 1$	355934	L1885	13	
2777	$8863 \cdot 2^{1182270} + 1$	355903	L3548	13	
2778	$983 \cdot 2^{1182272} - 1$	355903	L1816	12	
2779	$2373 \cdot 2^{1182226} + 1$	355889	L1741	13	
2780	$5271 \cdot 2^{1182129} + 1$	355861	L3548	13	
2781	$5827 \cdot 2^{1182114} + 1$	355856	L3660	13	
2782	$21 \cdot 2^{1182083} - 1$	355844	L323	09	
2783	$7857 \cdot 2^{1182012} + 1$	355825	L3548	13	
2784	$9963 \cdot 2^{1181933} + 1$	355802	L2719	13	
2785	$5109 \cdot 2^{1181890} + 1$	355789	L3548	13	
2786	$3015 \cdot 2^{1181778} + 1$	355755	L3548	13	
2787	$7273 \cdot 2^{1181522} + 1$	355678	L3548	13	
2788	$1123 \cdot 2^{1181503} - 1$	355671	L1828	12	
2789	$8019 \cdot 2^{1181455} + 1$	355658	L2413	13	
2790	$57 \cdot 2^{1181438} + 1$	355651	L1446	10	
2791	$2497 \cdot 2^{1181368} + 1$	355631	L3262	13	
2792	$8763 \cdot 2^{1181354} + 1$	355627	L3548	13	
2793	$24161 \cdot 2^{1181162} - 1$	355570	L2055	11	
2794	$6983 \cdot 2^{1181085} + 1$	355546	L3548	13	
2795	$4091 \cdot 2^{1181049} + 1$	355535	L3548	13	
2796	$923 \cdot 2^{1181030} - 1$	355529	L1815	12	
2797	$3727 \cdot 2^{1181024} + 1$	355528	L3548	13	
2798	$1535 \cdot 2^{1181001} + 1$	355520	L3548	13	
2799	$3425 \cdot 2^{1180949} + 1$	355505	L3548	13	
2800	$9473 \cdot 2^{1180925} + 1$	355498	L3656	13	
2801	$4353 \cdot 2^{1180901} + 1$	355491	L3262	13	
2802	$371 \cdot 2^{1180806} - 1$	355461	L1819	13	

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2803	$2867 \cdot 2^{1180667} + 1$	355420	L3548	13	
2804	$1683 \cdot 2^{1180586} + 1$	355396	L1158	13	
2805	$4725 \cdot 2^{1180490} + 1$	355367	L3262	13	
2806	$711 \cdot 2^{1180481} + 1$	355364	L2085	11	
2807	$3441 \cdot 2^{1180477} + 1$	355363	L3262	13	
2808	$7181 \cdot 2^{1180471} + 1$	355362	L1741	13	
2809	$5323 \cdot 2^{1180404} + 1$	355341	L1204	13	
2810	$4935 \cdot 2^{1180072} + 1$	355241	L3670	13	
2811	$4995 \cdot 2^{1179942} + 1$	355202	L3548	13	
2812	$6309 \cdot 2^{1179738} + 1$	355141	L3548	13	
2813	$3403 \cdot 2^{1179698} + 1$	355129	L1204	13	
2814	$4387 \cdot 2^{1179624} + 1$	355106	L1204	13	
2815	$9595 \cdot 2^{1179544} + 1$	355083	L1502	13	
2816	$765 \cdot 2^{1179540} + 1$	355080	L2714	11	
2817	$677 \cdot 2^{1179464} - 1$	355057	L1815	12	
2818	$1015 \cdot 2^{1179433} - 1$	355048	L1828	12	
2819	$6453 \cdot 2^{1179424} + 1$	355046	L1524	13	
2820	$2605 \cdot 2^{1179408} + 1$	355041	L2322	13	
2821	$2271 \cdot 2^{1179285} + 1$	355004	L3548	13	
2822	$7015 \cdot 2^{1179244} + 1$	354992	L2823	13	
2823	$813 \cdot 2^{1179185} + 1$	354973	L2085	11	
2824	$9207 \cdot 2^{1179079} + 1$	354943	L3173	13	
2825	$2617 \cdot 2^{1178882} + 1$	354883	L1379	13	
2826	$4495 \cdot 2^{1178820} + 1$	354864	L3405	13	
2827	$5215 \cdot 2^{1178706} + 1$	354830	L2117	13	
2828	$9751 \cdot 2^{1178680} + 1$	354823	L1312	13	
2829	$8637 \cdot 2^{1178663} + 1$	354817	L1204	13	
2830	$6805 \cdot 2^{1178534} + 1$	354778	L3271	13	
2831	$1879 \cdot 2^{1178450} + 1$	354753	L1331	13	
2832	$7473 \cdot 2^{1178390} + 1$	354735	L1957	13	
2833	$921 \cdot 2^{1178279} - 1$	354701	L1815	12	
2834	$8355 \cdot 2^{1178131} + 1$	354657	L3555	13	
2835	$8883 \cdot 2^{1178121} + 1$	354654	L1957	13	
2836	$5419 \cdot 2^{1178090} + 1$	354645	L3657	13	
2837	$225 \cdot 2^{1177945} - 1$	354600	L2074	12	
2838	$55 \cdot 2^{1177924} + 1$	354593	L669	09	
2839	$2037 \cdot 2^{1177862} + 1$	354576	L3656	13	
2840	$165 \cdot 2^{1177856} + 1$	354573	L1204	11	
2841	$1023 \cdot 2^{1177850} + 1$	354572	L2517	11	
2842	$7665 \cdot 2^{1177814} + 1$	354562	L3262	13	
2843	$3201 \cdot 2^{1177797} + 1$	354556	L3262	13	
2844	$8233 \cdot 2^{1177784} + 1$	354553	L2626	13	
2845	$3377 \cdot 2^{1177751} + 1$	354542	L3262	13	
2846	$3039 \cdot 2^{1177671} + 1$	354518	L3262	13	
2847	$3077 \cdot 2^{1177655} + 1$	354513	L3658	13	
2848	$8957 \cdot 2^{1177651} + 1$	354513	L1204	13	
2849	$1661 \cdot 2^{1177647} + 1$	354511	L3262	13	
2850	$243 \cdot 2^{1177629} + 1$	354505	L165	11	
2851	$435 \cdot 2^{1177574} + 1$	354488	L1371	11	
2852	$2519 \cdot 2^{1177409} + 1$	354439	L3548	13	

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2853	$1053 \cdot 2^{1177312} - 1$	354410	L1828	12	
2854	$3639 \cdot 2^{1177283} + 1$	354402	L1158	13	
2855	$821 \cdot 2^{1177285} + 1$	354402	L1344	11	
2856	$255694^{65536} + 1$	354401	g266	02	Generalized Fermat
2857	$1135 \cdot 2^{1177225} - 1$	354384	L1828	12	
2858	$6811 \cdot 2^{1177220} + 1$	354383	L1218	13	
2859	$2127 \cdot 2^{1177082} - 1$	354341	L840	13	
2860	$8211 \cdot 2^{1177017} + 1$	354322	L3262	13	
2861	$3039 \cdot 2^{1176994} + 1$	354314	L2840	13	
2862	$1215 \cdot 2^{1176818} - 1$	354261	L1828	12	
2863	$8005 \cdot 2^{1176814} + 1$	354261	L3548	13	
2864	$1985 \cdot 2^{1176635} + 1$	354206	L1204	13	
2865	$8979 \cdot 2^{1176631} + 1$	354206	L2626	13	
2866	$2773 \cdot 2^{1176528} + 1$	354174	L3548	13	
2867	$8817 \cdot 2^{1176515} + 1$	354171	L3548	13	
2868	$4793 \cdot 2^{1176513} + 1$	354170	L3173	13	
2869	$6829 \cdot 2^{1176458} + 1$	354153	L1204	13	
2870	$9045 \cdot 2^{1176321} + 1$	354112	L3262	13	
2871	$591 \cdot 2^{1176188} + 1$	354071	L1595	11	
2872	$3405 \cdot 2^{1176080} + 1$	354039	L2626	13	
2873	$459 \cdot 2^{1176058} + 1$	354032	L2858	11	
2874	$2175 \cdot 2^{1176013} - 1$	354019	L1862	13	
2875	$9591 \cdot 2^{1176009} + 1$	354018	L3514	13	
2876	$8693 \cdot 2^{1175869} + 1$	353976	L3548	13	
2877	$345 \cdot 2^{1175842} - 1$	353967	L536	10	
2878	$6063 \cdot 2^{1175772} + 1$	353947	L3548	13	
2879	$65 \cdot 2^{1175747} + 1$	353937	L1446	10	
2880	$2787 \cdot 2^{1175659} + 1$	353913	L3548	13	
2881	$879 \cdot 2^{1175478} + 1$	353858	L2522	11	
2882	$617 \cdot 2^{1175468} - 1$	353854	L426	07	
2883	$6441 \cdot 2^{1175369} + 1$	353826	L3548	13	
2884	$8603 \cdot 2^{1175237} + 1$	353786	L1158	13	
2885	$2787 \cdot 2^{1175154} + 1$	353761	L3262	13	
2886	$651 \cdot 2^{1175149} + 1$	353758	L1158	11	
2887	$8049 \cdot 2^{1175125} + 1$	353752	L3548	13	
2888	$6257 \cdot 2^{1175075} + 1$	353737	L3548	13	
2889	$3975 \cdot 2^{1175068} + 1$	353735	L1158	13	
2890	$6705 \cdot 2^{1175050} + 1$	353730	L3548	13	
2891	$7437 \cdot 2^{1174856} + 1$	353671	L2327	13	
2892	$1075 \cdot 2^{1174835} - 1$	353664	L1828	12	
2893	$4563 \cdot 2^{1174777} + 1$	353647	L3262	13	
2894	$7745 \cdot 2^{1174761} + 1$	353643	L3548	13	
2895	$555 \cdot 2^{1174603} + 1$	353594	L2543	11	
2896	$7195 \cdot 2^{1174532} + 1$	353574	L3548	13	
2897	$4279 \cdot 2^{1174502} + 1$	353564	L3548	13	
2898	$4175 \cdot 2^{1174450} - 1$	353549	L1959	13	
2899	$945 \cdot 2^{1174442} + 1$	353546	L2540	11	
2900	$891 \cdot 2^{1174318} - 1$	353508	L1815	12	
2901	$4971 \cdot 2^{1174229} + 1$	353482	L3262	13	
2902	$8803 \cdot 2^{1174102} + 1$	353444	L3548	13	

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2903	$717 \cdot 2^{1174056} + 1$	353429	L2447	11	
2904	$5279 \cdot 2^{1174047} + 1$	353428	L3548	13	
2905	$1917 \cdot 2^{1173800} + 1$	353353	L3262	13	
2906	$6195 \cdot 2^{1173586} + 1$	353289	L3262	13	
2907	$9519 \cdot 2^{1173547} + 1$	353277	L3262	13	
2908	$6465 \cdot 2^{1173351} + 1$	353218	L3262	13	
2909	$71422 \cdot 151^{162094} + 1$	353204	p365	13	
2910	$8975 \cdot 2^{1173219} + 1$	353179	L1158	13	
2911	$2893 \cdot 2^{1173120} + 1$	353148	L3262	13	
2912	$8895 \cdot 2^{1173061} + 1$	353131	L1933	13	
2913	$9157 \cdot 2^{1172956} + 1$	353099	L3262	13	
2914	$4491 \cdot 2^{1172925} + 1$	353090	L3262	13	
2915	$6869 \cdot 2^{1172855} + 1$	353069	L3548	13	
2916	$2349 \cdot 2^{1172693} + 1$	353020	L3548	13	
2917	$3903 \cdot 2^{1172658} + 1$	353009	L3548	13	
2918	$5755 \cdot 2^{1172628} + 1$	353000	L3649	13	
2919	$7197 \cdot 2^{1172551} + 1$	352977	L3262	13	
2920	$837 \cdot 2^{1172532} - 1$	352971	L1815	12	
2921	$1695 \cdot 2^{1172501} + 1$	352962	L527	12	
2922	$8225 \cdot 2^{1172403} + 1$	352933	L3548	13	
2923	$3345 \cdot 2^{1172291} + 1$	352899	L3548	13	
2924	$6975 \cdot 2^{1172288} + 1$	352898	L1158	13	
2925	$649 \cdot 2^{1172271} - 1$	352892	L1815	12	
2926	$586085 \cdot 2^{1172172} - 1$	352865	p77	12	
2927	$209 \cdot 2^{1172111} + 1$	352843	L1935	11	
2928	$9291 \cdot 2^{1171943} + 1$	352794	L3548	13	
2929	$709 \cdot 2^{1171934} + 1$	352791	L2748	11	
2930	$1395 \cdot 2^{1171845} + 1$	352764	L3432	13	
2931	$37328 \cdot 5^{504675} + 1$	352758	p284	10	
2932	$5245 \cdot 2^{1171818} + 1$	352757	L3548	13	
2933	$8157 \cdot 2^{1171798} + 1$	352751	L3548	13	
2934	$407 \cdot 2^{1171719} + 1$	352726	L2550	11	
2935	$4453 \cdot 2^{1171702} + 1$	352722	L3548	13	
2936	$1873 \cdot 2^{1171576} + 1$	352683	L3262	13	
2937	$7605 \cdot 2^{1171560} + 1$	352679	L3262	13	
2938	$4953 \cdot 2^{1171416} + 1$	352636	L3262	13	
2939	$4255 \cdot 2^{1171414} + 1$	352635	L3246	13	
2940	$8803 \cdot 2^{1171318} + 1$	352606	L3548	13	
2941	$311 \cdot 2^{1171199} + 1$	352569	L2857	11	
2942	$251 \cdot 2^{1171193} + 1$	352567	L1776	11	
2943	$1191 \cdot 2^{1171121} + 1$	352546	L1223	11	
2944	$2207 \cdot 2^{1171119} + 1$	352546	L3262	13	
2945	$615 \cdot 2^{1171032} - 1$	352519	L1815	12	
2946	$4265 \cdot 2^{1170953} + 1$	352496	L3262	13	
2947	$7671 \cdot 2^{1170935} + 1$	352491	L1741	13	
2948	$1431 \cdot 2^{1170807} + 1$	352452	L3646	13	
2949	$6277 \cdot 2^{1170780} + 1$	352444	L2826	13	
2950	$4273 \cdot 2^{1170750} + 1$	352435	L3548	13	
2951	$5481 \cdot 2^{1170728} + 1$	352428	L3548	13	
2952	$227 \cdot 2^{1170724} - 1$	352426	L268	10	

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2953	$9277 \cdot 2^{1170602} + 1$	352391	L3548	13	
2954	$9289 \cdot 2^{1170566} + 1$	352380	L2413	13	
2955	$8955 \cdot 2^{1170531} + 1$	352369	L3262	13	
2956	$4819 \cdot 2^{1170450} + 1$	352345	L1204	13	
2957	$8205 \cdot 2^{1170276} + 1$	352293	L1218	13	
2958	$59 \cdot 2^{1170231} + 1$	352277	L669	09	
2959	$2877 \cdot 2^{1170159} + 1$	352257	L3262	13	
2960	$6083 \cdot 2^{1170157} + 1$	352257	L1204	13	
2961	$4089 \cdot 2^{1170095} + 1$	352238	L3459	13	
2962	$21 \cdot 2^{1170083} - 1$	352232	L503	08	
2963	$2151 \cdot 2^{1170060} + 1$	352227	L3262	13	
2964	$5955 \cdot 2^{1169868} + 1$	352170	L2719	13	
2965	$9701 \cdot 2^{1169833} + 1$	352159	L3548	13	
2966	$3515 \cdot 2^{1169701} + 1$	352119	L2859	13	
2967	$8909 \cdot 2^{1169677} + 1$	352112	L3548	13	
2968	$567 \cdot 2^{1169602} + 1$	352089	L2790	11	
2969	$819 \cdot 2^{1169551} - 1$	352073	L1815	12	
2970	$3039 \cdot 2^{1169354} + 1$	352015	L3548	13	
2971	$6305 \cdot 2^{1169337} + 1$	352010	L1204	13	
2972	$3555 \cdot 2^{1169321} + 1$	352005	L3548	13	
2973	$7961 \cdot 2^{1169309} + 1$	352001	L3262	13	
2974	$231 \cdot 2^{1169250} - 1$	351982	L2338	12	
2975	$631 \cdot 2^{1169088} + 1$	351934	L2742	11	
2976	$8679 \cdot 2^{1169018} + 1$	351914	L3154	13	
2977	$849 \cdot 2^{1169013} - 1$	351911	L1809	12	
2978	$147 \cdot 2^{1168975} + 1$	351899	L1751	11	
2979	$3477 \cdot 2^{1168803} + 1$	351849	L3548	13	
2980	$9839 \cdot 2^{1168783} + 1$	351843	L2100	13	
2981	$783 \cdot 2^{1168583} - 1$	351782	L2257	12	
2982	$3831 \cdot 2^{1168575} + 1$	351780	L1218	13	
2983	$321 \cdot 2^{1168576} + 1$	351779	L1204	11	
2984	$4573 \cdot 2^{1168536} + 1$	351769	L3262	13	
2985	$9239 \cdot 2^{1168459} + 1$	351746	L3260	13	
2986	$4239 \cdot 2^{1168445} + 1$	351741	L3548	13	
2987	$6665 \cdot 2^{1168305} + 1$	351699	L3262	13	
2988	$9399 \cdot 2^{1168249} + 1$	351682	L2520	13	
2989	$1013 \cdot 2^{1168233} + 1$	351677	L2549	11	
2990	$5287 \cdot 2^{1168142} + 1$	351650	L2447	13	
2991	$6535 \cdot 2^{1168060} + 1$	351625	L3548	13	
2992	$4809 \cdot 2^{1168001} + 1$	351608	L2526	13	
2993	$9557 \cdot 2^{1167995} + 1$	351606	L1204	13	
2994	$6411 \cdot 2^{1167868} + 1$	351568	L3548	13	
2995	$3685 \cdot 2^{1167810} + 1$	351550	L3548	13	
2996	$4131 \cdot 2^{1167719} + 1$	351523	L3262	13	
2997	$917 \cdot 2^{1167682} - 1$	351511	L1815	12	
2998	$8271 \cdot 2^{1167596} + 1$	351486	L3548	13	
2999	$5429 \cdot 2^{1167513} + 1$	351461	L3262	13	
3000	$7895 \cdot 2^{1167497} + 1$	351456	L2826	13	
3001	$7121 \cdot 2^{1167461} + 1$	351445	L2520	13	
3002	$883 \cdot 2^{1167442} + 1$	351439	L2745	11	

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3003	$2185 \cdot 2^{1167312} + 1$	351400	L3035	13	
3004	$3717 \cdot 2^{1167231} + 1$	351376	L1741	13	
3005	$9787 \cdot 2^{1167156} + 1$	351353	L1761	13	
3006	$4273 \cdot 2^{1167026} + 1$	351314	L3548	13	
3007	$6981 \cdot 2^{1166795} + 1$	351245	L3262	13	
3008	$4167 \cdot 2^{1166770} + 1$	351237	L1204	13	
3009	$3361 \cdot 2^{1166668} + 1$	351206	L2549	13	
3010	$8427 \cdot 2^{1166638} + 1$	351197	L3262	13	
3011	$6795 \cdot 2^{1166560} + 1$	351174	L3548	13	
3012	$517 \cdot 518^{129371} - 1$	351159	p322	13	
3013	$7679 \cdot 2^{1166409} + 1$	351128	L3548	13	
3014	$1985 \cdot 2^{1166339} + 1$	351107	L3548	13	
3015	$8049 \cdot 2^{1166290} + 1$	351093	L3548	13	
3016	$6105 \cdot 2^{1166152} + 1$	351051	L3262	13	
3017	$5555 \cdot 2^{1166055} + 1$	351022	L3262	13	
3018	$7251 \cdot 2^{1166051} + 1$	351021	L3262	13	
3019	$651 \cdot 2^{1166010} - 1$	351007	L1815	12	
3020	$1677 \cdot 2^{1166002} + 1$	351005	L3035	13	
3021	$2611 \cdot 2^{1165907} - 1$	350977	L2708	11	
3022	$2915 \cdot 2^{1165871} + 1$	350966	L3548	13	
3023	$6729 \cdot 2^{1165861} + 1$	350963	L3262	13	
3024	$1235 \cdot 2^{1165858} - 1$	350962	L1828	12	
3025	$689 \cdot 2^{1165785} + 1$	350940	L2741	11	
3026	$582833 \cdot 2^{1165668} - 1$	350907	p77	12	
3027	$3497 \cdot 2^{1165619} + 1$	350890	L3548	13	
3028	$1719 \cdot 2^{1165601} + 1$	350885	L3548	13	
3029	$877 \cdot 2^{1165554} + 1$	350870	L2659	11	
3030	$873 \cdot 2^{1165494} - 1$	350852	L1815	12	
3031	$7669 \cdot 2^{1165478} + 1$	350848	L3548	13	
3032	$2675 \cdot 2^{1165471} + 1$	350846	L1408	13	
3033	$3111 \cdot 2^{1165436} + 1$	350835	L3262	13	
3034	$8139 \cdot 2^{1165417} + 1$	350830	L3548	13	
3035	$271 \cdot 2^{1165420} + 1$	350829	L2593	11	
3036	$1987 \cdot 2^{1165364} + 1$	350813	L3548	13	
3037	$505 \cdot 2^{1165307} - 1$	350796	L2519	12	
3038	$7893 \cdot 2^{1165228} + 1$	350773	L1204	13	
3039	$2259 \cdot 2^{1165204} - 1$	350765	L840	13	
3040	$1005 \cdot 2^{1165203} - 1$	350765	L1828	12	
3041	$9457 \cdot 2^{1165198} + 1$	350764	L3262	13	
3042	$9239 \cdot 2^{1165111} + 1$	350738	L1741	13	
3043	$4917 \cdot 2^{1164870} + 1$	350665	L3262	13	
3044	$6165 \cdot 2^{1164796} + 1$	350643	L3262	13	
3045	$4257 \cdot 2^{1164727} + 1$	350622	L3262	13	
3046	$27 \cdot 2^{1164664} + 1$	350601	g279	05	
3047	$7473 \cdot 2^{1164561} + 1$	350572	L3035	13	
3048	$8365 \cdot 2^{1164546} + 1$	350568	L1218	13	
3049	$383 \cdot 2^{1164513} + 1$	350556	L2410	11	
3050	$1389 \cdot 2^{1164408} - 1$	350525	L1828	12	
3051	$815 \cdot 2^{1164279} + 1$	350486	L2789	11	
3052	$763 \cdot 2^{1164124} + 1$	350440	L1513	11	

rank	description	digits	who	year	comment
3053	$5401 \cdot 2^{1164112} + 1$	350437	L3548	13	
3054	$7813 \cdot 2^{1163992} + 1$	350401	L2626	13	
3055	$4019 \cdot 2^{1163965} + 1$	350392	L3629	13	
3056	$3463 \cdot 2^{1163908} + 1$	350375	L3262	13	
3057	$875 \cdot 2^{1163883} + 1$	350367	L2085	11	
3058	$4239 \cdot 2^{1163849} + 1$	350358	L3548	13	
3059	$595 \cdot 2^{1163818} + 1$	350347	L1158	11	
3060	$4027 \cdot 2^{1163793} - 1$	350341	L1959	13	
3061	$5331 \cdot 2^{1163732} + 1$	350322	L3548	13	
3062	$2565 \cdot 2^{1163733} + 1$	350322	L2826	13	
3063	$27 \cdot 2^{1163629} - 1$	350289	L503	08	
3064	$611 \cdot 2^{1163621} + 1$	350288	L2740	11	
3065	$3345 \cdot 2^{1163424} - 1$	350230	L2338	13	
3066	$4099 \cdot 2^{1163390} + 1$	350219	L1204	13	
3067	$3455 \cdot 2^{1163359} + 1$	350210	L3262	13	
3068	$9125 \cdot 2^{1163331} + 1$	350202	L3548	13	
3069	$8781 \cdot 2^{1163255} + 1$	350179	L3548	13	
3070	$4067 \cdot 2^{1163251} + 1$	350178	L2520	13	
3071	$7049 \cdot 2^{1163243} + 1$	350175	L3262	13	
3072	$2715 \cdot 2^{1163216} - 1$	350167	L1959	13	
3073	$4761 \cdot 2^{1163093} + 1$	350130	L3262	13	
3074	$2181 \cdot 2^{1163088} + 1$	350128	L3262	13	
3075	$8007 \cdot 2^{1163044} + 1$	350116	L3262	13	
3076	$3945 \cdot 2^{1163009} + 1$	350105	L3548	13	
3077	$3327 \cdot 2^{1162786} + 1$	350037	L3548	13	
3078	$4101 \cdot 2^{1162745} - 1$	350025	L1959	13	
3079	$165 \cdot 2^{1162671} - 1$	350002	L2101	11	
3080	$1043 \cdot 2^{1162641} + 1$	349993	L2627	11	
3081	$8591 \cdot 2^{1162609} + 1$	349985	L3548	13	
3082	$5085 \cdot 2^{1162586} + 1$	349977	L3262	13	
3083	$2211 \cdot 2^{1162499} - 1$	349951	L840	13	
3084	$315 \cdot 2^{1162371} + 1$	349912	L1204	11	
3085	$175 \cdot 2^{1162313} - 1$	349894	L1959	11	
3086	$9687 \cdot 2^{1162274} + 1$	349884	L3548	13	
3087	$4493 \cdot 2^{1162237} + 1$	349872	L3548	13	
3088	$6615 \cdot 2^{1162224} + 1$	349869	L1204	13	
3089	$55 \cdot 2^{1162155} - 1$	349846	L545	08	
3090	$3835 \cdot 2^{1162136} + 1$	349842	L3548	13	
3091	$1155 \cdot 2^{1162129} - 1$	349839	L1828	12	
3092	[ Long prime 3092 ]	349822	p360	13	
3093	$3839 \cdot 2^{1162005} + 1$	349802	L3131	13	
3094	$1281 \cdot 2^{1161874} - 1$	349763	L1828	12	
3095	$9403 \cdot 2^{1161830} + 1$	349750	L3548	13	
3096	$3219 \cdot 2^{1161815} + 1$	349745	L3548	13	
3097	$8435 \cdot 2^{1161813} + 1$	349745	L3548	13	
3098	$7077 \cdot 2^{1161787} + 1$	349737	L1129	13	
3099	$8595 \cdot 2^{1161782} + 1$	349736	L2117	13	
3100	$4349 \cdot 2^{1161697} + 1$	349710	L2322	13	
3101	$9033 \cdot 2^{1161620} + 1$	349687	L1741	13	
3102	$4025 \cdot 2^{1161612} - 1$	349684	L1959	13	

rank	description	digits	who	year	comment
3103	$2225 \cdot 2^{1161539} + 1$	349662	L1204	13	
3104	$5077 \cdot 2^{1161500} + 1$	349651	L3548	13	
3105	$9489 \cdot 2^{1161471} + 1$	349642	L3548	13	
3106	$4233 \cdot 2^{1161385} + 1$	349616	L3262	13	
3107	$1965 \cdot 2^{1161352} + 1$	349606	L1940	13	
3108	$339 \cdot 2^{1161347} - 1$	349603	L536	10	
3109	$4689 \cdot 2^{1161271} + 1$	349582	L3262	13	
3110	$9761 \cdot 2^{1161171} + 1$	349552	L1957	13	
3111	$1189 \cdot 2^{1161169} - 1$	349550	L1828	12	
3112	$865 \cdot 2^{1161090} + 1$	349526	L2531	11	
3113	$749 \cdot 2^{1160897} + 1$	349468	L1741	11	
3114	$8069 \cdot 2^{1160823} + 1$	349447	L3548	13	
3115	$8103 \cdot 2^{1160777} + 1$	349433	L3548	13	
3116	$1451 \cdot 2^{1160633} + 1$	349389	L2826	13	
3117	$2077 \cdot 2^{1160548} + 1$	349364	L1842	13	
3118	$9357 \cdot 2^{1160404} + 1$	349321	L3262	13	
3119	$2229 \cdot 2^{1160369} + 1$	349310	L2526	13	
3120	$2027 \cdot 2^{1160143} + 1$	349242	L2659	13	
3121	$1343 \cdot 2^{1160017} + 1$	349204	L1408	13	
3122	$3519 \cdot 2^{1159929} + 1$	349177	L3262	13	
3123	$6959 \cdot 2^{1159909} + 1$	349172	L3548	13	
3124	$5861 \cdot 2^{1159873} + 1$	349161	L3262	13	
3125	$6791 \cdot 2^{1159829} + 1$	349148	L3548	13	
3126	$3935 \cdot 2^{1159743} + 1$	349122	L3548	13	
3127	$7131 \cdot 2^{1159696} + 1$	349108	L3262	13	
3128	$9023 \cdot 2^{1159653} + 1$	349095	L1741	13	
3129	$1023 \cdot 2^{1159630} - 1$	349087	L1828	12	
3130	$9951 \cdot 2^{1159599} + 1$	349079	L2826	13	
3131	$3155 \cdot 2^{1159563} + 1$	349067	L3548	13	
3132	$7927 \cdot 2^{1159482} + 1$	349043	L3262	13	
3133	$2905 \cdot 2^{1159470} + 1$	349039	L3271	13	
3134	$2025 \cdot 2^{1159433} + 1$	349028	L3432	13	
3135	$2539 \cdot 2^{1159398} + 1$	349017	L2661	13	
3136	$9581 \cdot 2^{1159305} + 1$	348990	L3262	13	
3137	$57 \cdot 2^{1158942} + 1$	348879	L669	10	
3138	$1303 \cdot 2^{1158907} - 1$	348869	L1828	12	
3139	$4329 \cdot 2^{1158837} + 1$	348849	L3548	13	
3140	$8121 \cdot 2^{1158741} + 1$	348820	L3548	13	
3141	$4167 \cdot 2^{1158726} + 1$	348815	L2117	13	
3142	$5337 \cdot 2^{1158620} + 1$	348784	L3262	13	
3143	$7545 \cdot 2^{1158572} + 1$	348769	L1741	13	
3144	$2525 \cdot 2^{1158399} + 1$	348717	L1204	13	
3145	$1299 \cdot 2^{1158330} + 1$	348696	L3548	13	
3146	$8205 \cdot 2^{1158309} + 1$	348690	L3548	13	
3147	$9207 \cdot 2^{1158232} + 1$	348667	L3262	13	
3148	$8505 \cdot 2^{1158192} + 1$	348655	L2520	13	
3149	$247 \cdot 2^{1158186} + 1$	348652	L2352	11	
3150	$6065 \cdot 2^{1157949} + 1$	348582	L3548	13	
3151	$9333 \cdot 2^{1157869} + 1$	348558	L1741	13	
3152	$5865 \cdot 2^{1157728} - 1$	348515	L2338	13	



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3153	$301 \cdot 2^{1157561} - 1$	348464	p281	10	
3154	$837 \cdot 2^{1157520} + 1$	348452	L2711	11	
3155	$117 \cdot 2^{1157460} + 1$	348433	L1751	10	
3156	$69109 \cdot 2^{1157446} + 1$	348431	SB4	02	
3157	$113 \cdot 2^{1157413} + 1$	348419	L1751	10	
3158	$147 \cdot 2^{1157300} + 1$	348385	L1751	11	
3159	$1739 \cdot 2^{1157273} + 1$	348378	L3154	13	
3160	$1107 \cdot 2^{1157095} + 1$	348324	L2730	11	
3161	$793 \cdot 2^{1157055} - 1$	348312	L1809	12	
3162	$9505 \cdot 2^{1157048} + 1$	348311	L3548	13	
3163	$6959 \cdot 2^{1156969} + 1$	348287	L3548	13	
3164	$174885 \cdot 98^{174885} + 1$	348241	g157	12	Generalized Cullen
3165	$2061 \cdot 2^{1156802} - 1$	348236	L840	13	
3166	$6375 \cdot 2^{1156792} + 1$	348233	L3548	13	
3167	$4147 \cdot 2^{1156785} - 1$	348231	L1959	13	
3168	$3395 \cdot 2^{1156719} + 1$	348211	L3548	13	
3169	$885 \cdot 2^{1156603} - 1$	348176	L2519	12	
3170	$3515 \cdot 2^{1156535} + 1$	348156	L3548	13	
3171	$8739 \cdot 2^{1156515} + 1$	348150	L2661	13	
3172	$6663 \cdot 2^{1156513} + 1$	348149	L3548	13	
3173	$9423 \cdot 2^{1156126} + 1$	348033	L3483	13	
3174	$9067 \cdot 2^{1156052} + 1$	348011	L3180	13	
3175	$265 \cdot 2^{1155950} + 1$	347979	L1741	11	
3176	$2985 \cdot 2^{1155884} + 1$	347960	L2520	13	
3177	$925 \cdot 2^{1155857} - 1$	347951	L1809	12	
3178	$1905 \cdot 2^{1155815} + 1$	347939	L3548	13	
3179	$255 \cdot 2^{1155630} + 1$	347882	L1158	11	
3180	$7269 \cdot 2^{1155474} + 1$	347837	L3548	13	
3181	$417 \cdot 2^{1155458} - 1$	347831	L1809	12	
3182	$6921 \cdot 2^{1155420} + 1$	347820	L3548	13	
3183	$2295 \cdot 2^{1155336} - 1$	347795	L1959	13	
3184	$9659 \cdot 2^{1155307} + 1$	347787	L3246	13	
3185	$5505 \cdot 2^{1155282} + 1$	347779	L3262	13	
3186	$2893 \cdot 2^{1155196} + 1$	347753	L2520	13	
3187	$669 \cdot 2^{1155188} - 1$	347750	L1815	12	
3188	$8675 \cdot 2^{1155083} + 1$	347719	L3548	13	
3189	$3957 \cdot 2^{1155020} + 1$	347700	L3548	13	
3190	$9933 \cdot 2^{1154961} + 1$	347682	L3548	13	
3191	$3441 \cdot 2^{1154931} + 1$	347673	L3262	13	
3192	$2291 \cdot 2^{1154799} + 1$	347633	L1204	13	
3193	$497 \cdot 2^{1154735} + 1$	347613	L1935	11	
3194	$152713 \cdot 2^{1154707} - 1$	347607	g23	04	
3195	$83 \cdot 2^{1154617} + 1$	347577	L446	10	Divides $GF(1154616, 3)$
3196	$75 \cdot 2^{1154616} + 1$	347576	L1446	11	
3197	$7575 \cdot 2^{1154559} + 1$	347561	L2322	13	
3198	$3483 \cdot 2^{1154480} + 1$	347537	L3548	13	
3199	$1827 \cdot 2^{1154471} + 1$	347534	L3262	13	
3200	$2793 \cdot 2^{1154261} + 1$	347471	L1331	13	
3201	$1251 \cdot 2^{1154238} - 1$	347464	L1828	12	
3202	$8669 \cdot 2^{1154193} + 1$	347451	L3548	13	

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3203	$2129 \cdot 2^{1154173} + 1$	347445	L1524	13	
3204	$571 \cdot 2^{1154111} - 1$	347425	L1809	12	
3205	$5171 \cdot 2^{1153999} + 1$	347393	L3260	13	
3206	$9201 \cdot 2^{1153995} + 1$	347392	L3548	13	
3207	$3559 \cdot 2^{1153970} + 1$	347384	L3035	13	
3208	$14533 \cdot 2^{1153951} - 1$	347379	L2055	11	
3209	$5245 \cdot 2^{1153762} + 1$	347321	L1204	13	Divides $GF(1153761, 12)$
3210	$1485 \cdot 2^{1153738} - 1$	347313	L1134	11	
3211	$8499 \cdot 2^{1153675} + 1$	347295	L3035	13	
3212	$7487 \cdot 2^{1153675} + 1$	347295	L3548	13	
3213	$2925 \cdot 2^{1153672} + 1$	347294	L3262	13	
3214	$851 \cdot 2^{1153586} - 1$	347267	L1815	12	
3215	$3801 \cdot 2^{1153563} + 1$	347261	L3619	13	
3216	$4701 \cdot 2^{1153367} + 1$	347202	L3548	13	
3217	$1023 \cdot 2^{1153248} + 1$	347166	L2521	11	
3218	$3269 \cdot 2^{1153163} + 1$	347141	L3548	13	
3219	$9129 \cdot 2^{1153139} + 1$	347134	L3260	13	
3220	$5169 \cdot 2^{1153134} + 1$	347132	L2549	13	
3221	$8605 \cdot 2^{1153052} + 1$	347108	L3415	13	
3222	$3035 \cdot 2^{1152983} + 1$	347086	L3548	13	
3223	$813 \cdot 2^{1152824} + 1$	347038	L2737	11	
3224	$29 \cdot 2^{1152765} + 1$	347019	g300	05	Divides $GF(1152760, 10)$
3225	$2189 \cdot 2^{1152739} + 1$	347013	L2549	13	
3226	$105 \cdot 2^{1152715} + 1$	347004	L1446	11	
3227	$6349 \cdot 2^{1152706} + 1$	347003	L3262	13	
3228	$4223 \cdot 2^{1152657} + 1$	346988	L3548	13	
3229	$8239 \cdot 2^{1152654} + 1$	346988	L3262	13	
3230	$1753 \cdot 2^{1152654} + 1$	346987	L3548	13	
3231	$1407 \cdot 2^{1152631} + 1$	346980	L3262	13	
3232	$3523 \cdot 2^{1152624} + 1$	346978	L3548	13	
3233	$2963 \cdot 2^{1152605} + 1$	346973	L1741	13	
3234	$3883 \cdot 2^{1152570} + 1$	346962	L3548	13	
3235	$6371 \cdot 2^{1152565} + 1$	346961	L2626	13	
3236	$4225 \cdot 2^{1152520} + 1$	346947	L2888	13	Generalized Fermat
3237	$2679 \cdot 2^{1152381} + 1$	346905	L3277	13	
3238	$6237 \cdot 2^{1152288} + 1$	346878	L3262	13	
3239	$1365 \cdot 2^{1152143} + 1$	346833	L1134	12	
3240	$3413 \cdot 2^{1152109} + 1$	346823	L2413	13	
3241	$3509 \cdot 2^{1152083} + 1$	346816	L3548	13	
3242	$8615 \cdot 2^{1152013} + 1$	346795	L2322	13	
3243	$5019 \cdot 2^{1151979} + 1$	346784	L3645	13	
3244	$9861 \cdot 2^{1151967} + 1$	346781	L3548	13	
3245	$5239 \cdot 2^{1151874} + 1$	346753	L2545	13	
3246	$1089 \cdot 2^{1151702} + 1$	346700	L2733	11	Generalized Fermat
3247	$3669 \cdot 2^{1151550} + 1$	346655	L3548	13	
3248	$3745 \cdot 2^{1151520} + 1$	346646	L3548	13	
3249	$4121 \cdot 2^{1151458} - 1$	346628	L1959	13	
3250	$7107 \cdot 2^{1151427} + 1$	346618	L1204	13	
3251	$9789 \cdot 2^{1151234} + 1$	346560	L3548	13	
3252	$461 \cdot 2^{1150934} - 1$	346469	L1809	12	

rank	description	digits	who	year	comment
3253	$8549 \cdot 2^{1150907} + 1$	346462	L3555	13	
3254	$7183 \cdot 2^{1150730} + 1$	346409	L2735	13	
3255	$7073 \cdot 2^{1150613} + 1$	346373	L3548	13	
3256	$9331 \cdot 2^{1150608} + 1$	346372	L2918	13	
3257	$8323 \cdot 2^{1150580} + 1$	346364	L3262	13	
3258	$9927 \cdot 2^{1150566} + 1$	346359	L3594	13	
3259	$755 \cdot 2^{1150559} + 1$	346356	L2736	11	
3260	$8823 \cdot 2^{1150548} + 1$	346354	L3173	13	
3261	$4155 \cdot 2^{1150482} - 1$	346334	L1959	13	
3262	$6007 \cdot 2^{1150372} + 1$	346301	L3548	13	
3263	$1199 \cdot 2^{1150327} + 1$	346287	L2532	11	
3264	$8333 \cdot 2^{1150301} + 1$	346280	L3035	13	
3265	$4245 \cdot 2^{1150238} + 1$	346260	L1204	13	
3266	$8201 \cdot 2^{1150143} + 1$	346232	L3262	13	
3267	$1097 \cdot 2^{1150123} + 1$	346225	L2734	11	
3268	$7271 \cdot 2^{1150093} + 1$	346217	L3548	13	
3269	$499 \cdot 2^{1150034} + 1$	346198	L1935	11	
3270	$4855 \cdot 2^{1150016} + 1$	346193	L3548	13	
3271	$939 \cdot 2^{1149940} - 1$	346170	L1809	12	
3272	$5891 \cdot 2^{1149793} + 1$	346126	L3548	13	
3273	$7483 \cdot 2^{1149764} + 1$	346118	L3548	13	
3274	$6959 \cdot 2^{1149753} + 1$	346114	L3262	13	
3275	$2103 \cdot 2^{1149621} + 1$	346074	L3548	13	
3276	$9765 \cdot 2^{1149613} + 1$	346072	L3548	13	
3277	$2515 \cdot 2^{1149556} + 1$	346055	L3548	13	
3278	$3965 \cdot 2^{1149477} + 1$	346031	L2100	13	
3279	$4809 \cdot 2^{1149273} + 1$	345970	L3262	13	
3280	$963 \cdot 2^{1149272} - 1$	345969	L1809	12	
3281	$9435 \cdot 2^{1149199} + 1$	345948	L2107	13	
3282	$6771 \cdot 2^{1149099} + 1$	345918	L3548	13	
3283	$6357 \cdot 2^{1149087} + 1$	345914	L1204	13	
3284	$2211 \cdot 2^{1149075} - 1$	345910	L3519	13	
3285	$189590^{65536} + 1$	345887	g262	02	Generalized Fermat
3286	$657 \cdot 2^{1148795} + 1$	345825	L2673	11	
3287	$6449 \cdot 2^{1148749} + 1$	345812	L3548	13	
3288	$2895 \cdot 2^{1148691} - 1$	345794	L1959	13	
3289	$3523 \cdot 2^{1148654} + 1$	345783	L3619	13	
3290	$7869 \cdot 2^{1148627} + 1$	345776	L3548	13	
3291	$565 \cdot 2^{1148579} - 1$	345760	L1809	12	
3292	$2523 \cdot 2^{1148544} + 1$	345750	L1741	13	
3293	$5015 \cdot 2^{1148525} + 1$	345745	L3548	13	
3294	$5909 \cdot 2^{1148401} + 1$	345707	L3548	13	
3295	$1893 \cdot 2^{1148348} + 1$	345691	L1204	13	
3296	$1089 \cdot 2^{1148265} + 1$	345666	L1776	11	
3297	$589 \cdot 2^{1148198} + 1$	345645	L1158	11	
3298	$2655 \cdot 2^{1148120} + 1$	345622	L3548	13	
3299	$5635 \cdot 2^{1148038} + 1$	345598	L2520	13	
3300	$1539 \cdot 2^{1148033} + 1$	345596	L2826	13	
3301	$1017 \cdot 2^{1147995} + 1$	345584	L2713	11	
3302	$4475 \cdot 2^{1147827} + 1$	345535	L3548	13	

rank	description	digits	who	year	comment
3303	$141 \cdot 2^{1147747} + 1$	345509	L1751	11	
3304	$905 \cdot 2^{1147681} + 1$	345490	L2419	11	
3305	$7065 \cdot 2^{1147620} + 1$	345472	L3548	13	
3306	$9135 \cdot 2^{1147555} + 1$	345453	L3620	13	
3307	$3603 \cdot 2^{1147537} + 1$	345447	L3548	13	
3308	$7869 \cdot 2^{1147425} + 1$	345414	L3548	13	
3309	$3245 \cdot 2^{1147405} + 1$	345407	L2322	13	
3310	$1139 \cdot 2^{1147172} - 1$	345337	L1828	11	
3311	$4917 \cdot 2^{1147164} + 1$	345335	L1741	13	
3312	$9781 \cdot 2^{1146916} + 1$	345261	L2826	13	
3313	$465 \cdot 2^{1146888} + 1$	345251	L1129	11	
3314	$1001155863 \cdot 2^{1146800} + 1$	345231	p221	09	
3315	$5781 \cdot 2^{1146623} + 1$	345172	L3617	13	
3316	$405 \cdot 2^{1146533} - 1$	345144	L1862	12	
3317	$5009 \cdot 2^{1146499} + 1$	345135	L3141	13	
3318	$531 \cdot 2^{1146439} - 1$	345116	L1809	12	
3319	$6717 \cdot 2^{1146366} + 1$	345095	L3548	13	
3320	$6967 \cdot 2^{1146224} + 1$	345052	L3548	13	
3321	$8644 \cdot 5^{493618} + 1$	345029	p280	10	
3322	$1256 \cdot 148^{158963} - 1$	344995	p268	12	
3323	$5083 \cdot 2^{1145972} + 1$	344976	L3614	13	
3324	$2875 \cdot 2^{1145848} + 1$	344939	L3548	13	
3325	$6315 \cdot 2^{1145778} + 1$	344918	L3548	13	
3326	$1001 \cdot 2^{1145705} + 1$	344895	L2412	11	
3327	$1211 \cdot 2^{1145663} + 1$	344883	L2520	13	
3328	$9611 \cdot 2^{1145659} + 1$	344882	L3548	13	
3329	$3139 \cdot 2^{1145658} + 1$	344881	L3548	13	
3330	$5991 \cdot 2^{1145581} + 1$	344859	L3548	13	
3331	$6105 \cdot 2^{1145570} + 1$	344855	L3548	13	
3332	$4749 \cdot 2^{1145534} + 1$	344844	L3616	13	
3333	$5909 \cdot 2^{1145461} + 1$	344822	L3548	13	
3334	$9459 \cdot 2^{1145443} + 1$	344817	L3548	13	
3335	$4623 \cdot 2^{1145430} + 1$	344813	L1500	13	
3336	$3397 \cdot 2^{1145354} + 1$	344790	L3548	13	
3337	$1253 \cdot 2^{1145345} + 1$	344787	L3548	13	
3338	$4245 \cdot 2^{1145307} + 1$	344776	L3548	13	
3339	$6267 \cdot 2^{1145295} + 1$	344772	L3548	13	
3340	$7379 \cdot 2^{1145293} + 1$	344772	L2719	13	
3341	$1641 \cdot 2^{1145256} + 1$	344760	L3548	13	
3342	$285 \cdot 2^{1145224} - 1$	344750	L2338	12	
3343	$4457 \cdot 2^{1145199} + 1$	344743	L3548	13	
3344	$1137 \cdot 2^{1145161} - 1$	344731	L1828	11	
3345	$5841 \cdot 2^{1145093} + 1$	344712	L3039	13	
3346	$855 \cdot 2^{1145019} + 1$	344688	L2735	11	
3347	$5445 \cdot 2^{1144729} - 1$	344602	L2338	13	
3348	$2133 \cdot 2^{1144726} + 1$	344601	L3548	13	
3349	$5939 \cdot 2^{1144673} + 1$	344585	L2859	13	
3350	$413 \cdot 2^{1144580} - 1$	344556	L1809	12	
3351	$9063 \cdot 2^{1144564} + 1$	344553	L3548	13	
3352	$1867 \cdot 2^{1144524} + 1$	344540	L3548	13	

rank	description	digits	who	year	comment
3353	$2607 \cdot 2^{1144488} + 1$	344529	L2885	13	
3354	$453 \cdot 2^{1144428} - 1$	344510	L1809	12	
3355	$5609 \cdot 2^{1144323} + 1$	344480	L3548	13	
3356	$9427 \cdot 2^{1144312} + 1$	344477	L3548	13	
3357	$6125 \cdot 2^{1144307} + 1$	344475	L3548	13	
3358	$6131 \cdot 2^{1144235} + 1$	344453	L1408	13	
3359	$7491 \cdot 2^{1144153} + 1$	344429	L3271	13	
3360	$350107 \cdot 2^{1144101} - 1$	344415	L35	04	
3361	$4005 \cdot 2^{1143994} - 1$	344381	L1959	13	
3362	$7055 \cdot 2^{1143989} + 1$	344379	L3548	13	
3363	$619 \cdot 2^{1143986} + 1$	344377	L1204	11	
3364	$5481 \cdot 2^{1143928} + 1$	344361	L2826	13	
3365	$2065 \cdot 2^{1143816} + 1$	344327	L3548	13	
3366	$6735 \cdot 2^{1143792} + 1$	344320	L3548	13	
3367	$8065 \cdot 2^{1143666} + 1$	344282	L3548	13	
3368	$553 \cdot 2^{1143639} - 1$	344273	L1809	12	
3369	$7679 \cdot 2^{1143559} + 1$	344250	L3624	13	
3370	$6561 \cdot 2^{1143548} + 1$	344247	L3548	13	Generalized Fermat
3371	$5467 \cdot 2^{1143482} + 1$	344227	L3548	13	
3372	$5025 \cdot 2^{1143406} + 1$	344204	L3548	13	
3373	$6003 \cdot 2^{1143366} + 1$	344192	L3548	13	
3374	$6911 \cdot 2^{1143323} + 1$	344179	L3548	13	
3375	$5277 \cdot 2^{1143214} + 1$	344146	L3548	13	
3376	$443 \cdot 2^{1143154} - 1$	344127	L1862	10	
3377	$699 \cdot 2^{1143143} + 1$	344124	L1818	11	
3378	$9301 \cdot 2^{1143132} + 1$	344121	L3548	13	
3379	$4095 \cdot 2^{1143119} - 1$	344117	L1959	13	
3380	$101 \cdot 2^{1142981} + 1$	344074	L1446	11	Divides $GF(1142980, 3)$
3381	$9121 \cdot 2^{1142920} + 1$	344058	L1524	13	
3382	$7863 \cdot 2^{1142808} + 1$	344024	L3548	13	
3383	$4983 \cdot 2^{1142773} + 1$	344013	L3548	13	
3384	$5531 \cdot 2^{1142561} + 1$	343949	L3548	13	
3385	$8131 \cdot 2^{1142560} + 1$	343949	L3548	13	
3386	$4557 \cdot 2^{1142536} + 1$	343942	L1204	13	
3387	$5641 \cdot 2^{1142504} + 1$	343932	L3548	13	
3388	$9647 \cdot 2^{1142303} + 1$	343872	L3548	13	
3389	$2211 \cdot 2^{1142207} - 1$	343842	L3519	13	
3390	$7557 \cdot 2^{1142158} + 1$	343828	L1408	13	
3391	$3071 \cdot 2^{1142095} + 1$	343809	L3548	13	
3392	$31 \cdot 2^{1142093} - 1$	343806	L503	08	
3393	$939 \cdot 2^{1142083} - 1$	343805	L1816	12	
3394	$7403 \cdot 2^{1142069} + 1$	343801	L3548	13	
3395	$7837 \cdot 2^{1141988} + 1$	343777	L3548	13	
3396	$1149 \cdot 2^{1141946} + 1$	343764	L2733	11	
3397	$1631 \cdot 2^{1141875} + 1$	343742	L3548	13	
3398	$1387 \cdot 2^{1141865} - 1$	343739	L1828	11	
3399	$6573 \cdot 2^{1141732} + 1$	343700	L3548	13	
3400	$115 \cdot 2^{1141719} - 1$	343694	L1959	11	
3401	$5643 \cdot 2^{1141393} + 1$	343598	L3011	13	
3402	$1647 \cdot 2^{1141394} + 1$	343598	L3011	13	

rank	description	digits	who	year	comment
3403	$4013 \cdot 2^{1141357} + 1$	343587	L3548	13	
3404	$7333 \cdot 2^{1141100} + 1$	343510	L3260	13	
3405	$8983 \cdot 2^{1141034} + 1$	343490	L3548	13	
3406	$7503 \cdot 2^{1141018} + 1$	343485	L1741	13	
3407	$6643 \cdot 2^{1140976} + 1$	343472	L3548	13	
3408	$209826493 \cdot 2^{1140855} - 1$	343440	L10	04	
3409	$6589 \cdot 2^{1140826} + 1$	343427	L3548	13	
3410	$6487 \cdot 2^{1140768} + 1$	343410	L1204	13	
3411	$7831 \cdot 2^{1140684} + 1$	343384	L3548	13	
3412	$1575 \cdot 2^{1140475} + 1$	343321	L3548	13	
3413	$8577 \cdot 2^{1140339} + 1$	343281	L3548	13	
3414	$3901 \cdot 2^{1140296} + 1$	343267	L3548	13	
3415	$5175 \cdot 2^{1140160} + 1$	343227	L3548	13	
3416	$9801 \cdot 2^{1140099} + 1$	343208	L3548	13	
3417	$3327 \cdot 2^{1140090} + 1$	343205	L3548	13	
3418	$705 \cdot 2^{1140054} - 1$	343194	L696	12	
3419	$8101 \cdot 2^{1140036} + 1$	343189	L3548	13	
3420	$4509 \cdot 2^{1139877} + 1$	343141	L3548	13	
3421	$4815 \cdot 2^{1139641} + 1$	343070	L3548	13	
3422	$1359 \cdot 2^{1139451} + 1$	343013	L1505	13	
3423	$4155 \cdot 2^{1139371} + 1$	342989	L3548	13	
3424	$2205 \cdot 2^{1139324} + 1$	342975	L3548	13	
3425	$7947 \cdot 2^{1139268} + 1$	342958	L2859	13	
3426	$4431 \cdot 2^{1139213} + 1$	342941	L3548	13	
3427	$5793 \cdot 2^{1139121} + 1$	342914	L3548	13	
3428	$48394 \cdot 5^{490575} - 1$	342902	p284	10	
3429	$9975 \cdot 2^{1139057} + 1$	342895	L3548	13	
3430	$7447 \cdot 2^{1138970} + 1$	342869	L3548	13	
3431	$4015 \cdot 2^{1138965} - 1$	342867	L1959	13	
3432	$3607 \cdot 2^{1138928} + 1$	342856	L3548	13	
3433	$149 \cdot 2^{1138804} - 1$	342817	L1959	11	
3434	$9695 \cdot 2^{1138775} + 1$	342810	L3548	13	
3435	$445 \cdot 2^{1138720} + 1$	342792	L2856	11	
3436	$1023 \cdot 2^{1138576} + 1$	342749	L2711	11	
3437	$2613 \cdot 2^{1138544} + 1$	342740	L3548	13	
3438	$500621 \cdot 2^{1138518} - 1$	342734	L73	04	
3439	$3713 \cdot 2^{1138461} + 1$	342715	L3548	13	
3440	$4263 \cdot 2^{1138361} + 1$	342685	L3548	13	
3441	$3493 \cdot 2^{1138244} + 1$	342650	L3548	13	
3442	$8391 \cdot 2^{1138233} + 1$	342647	L2066	13	
3443	$4097 \cdot 2^{1138222} - 1$	342643	L1959	13	
3444	$9101 \cdot 2^{1138169} + 1$	342627	L3548	13	
3445	$4005 \cdot 2^{1138024} - 1$	342583	L1959	13	
3446	$4143 \cdot 2^{1137800} + 1$	342516	L2859	13	
3447	$7199 \cdot 2^{1137767} + 1$	342506	L3548	13	
3448	$5495 \cdot 2^{1137765} + 1$	342506	L3609	13	
3449	$9809 \cdot 2^{1137639} + 1$	342468	L2520	13	
3450	$583 \cdot 2^{1137603} - 1$	342456	L1809	12	
3451	$8267 \cdot 2^{1137563} + 1$	342445	L3548	13	
3452	$627 \cdot 2^{1137547} + 1$	342439	L2702	11	

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3453	$5287 \cdot 2^{1137534} + 1$	342436	L1204	13	
3454	$671 \cdot 2^{1137467} + 1$	342415	L2147	11	
3455	$313 \cdot 2^{1137387} - 1$	342391	L1978	11	
3456	$5529 \cdot 2^{1137259} + 1$	342353	L2520	13	
3457	$843 \cdot 2^{1137249} + 1$	342349	L1387	11	
3458	$5077 \cdot 2^{1137088} + 1$	342302	L3035	13	
3459	$9603 \cdot 2^{1137026} + 1$	342283	L3378	13	
3460	$6637 \cdot 2^{1137010} + 1$	342278	L3200	13	
3461	$7581 \cdot 2^{1136852} + 1$	342231	L2840	13	
3462	$4369 \cdot 2^{1136770} + 1$	342206	L3548	13	
3463	$5133 \cdot 2^{1136766} + 1$	342205	L3548	13	
3464	$285 \cdot 2^{1136696} - 1$	342183	L2338	12	
3465	$6483 \cdot 2^{1136682} + 1$	342180	L3548	13	
3466	$3493 \cdot 2^{1136634} + 1$	342165	L3262	13	
3467	$7863 \cdot 2^{1136632} + 1$	342165	L3548	13	
3468	$6315 \cdot 2^{1136598} + 1$	342154	L3548	13	
3469	$504613 \cdot 2^{1136459} - 1$	342114	L84	04	
3470	$807 \cdot 2^{1136353} - 1$	342080	L2257	12	
3471	$9031 \cdot 2^{1136316} + 1$	342070	L3141	13	
3472	$6171 \cdot 2^{1136308} + 1$	342067	L3548	13	
3473	$7051 \cdot 2^{1136256} + 1$	342051	L3548	13	
3474	$2925 \cdot 2^{1136215} + 1$	342039	L3262	13	
3475	$2135 \cdot 2^{1136211} + 1$	342037	L3548	13	
3476	$8427 \cdot 2^{1136131} + 1$	342014	L3548	13	
3477	$935 \cdot 2^{1136053} + 1$	341990	L1125	11	
3478	$8709 \cdot 2^{1136023} + 1$	341981	L3548	13	
3479	$791 \cdot 2^{1135983} + 1$	341968	L2732	11	
3480	$4405 \cdot 2^{1135918} + 1$	341950	L2520	13	
3481	$7469 \cdot 2^{1135897} + 1$	341943	L3548	13	
3482	$4935 \cdot 2^{1135868} - 1$	341935	L2074	13	
3483	$4605 \cdot 2^{1135834} + 1$	341924	L3548	13	
3484	$4757 \cdot 2^{1135807} + 1$	341916	L3548	13	
3485	$7215 \cdot 2^{1135746} + 1$	341898	L3548	13	
3486	$6345 \cdot 2^{1135713} + 1$	341888	L3548	13	
3487	$3649 \cdot 2^{1135590} + 1$	341851	L3262	13	
3488	$19861029 \cdot 2^{1135563} - 1$	341846	L895	12	
3489	$3693 \cdot 2^{1135561} + 1$	341842	L3548	13	
3490	$5343 \cdot 2^{1135485} + 1$	341819	L3548	13	
3491	$861 \cdot 2^{1135486} - 1$	341819	L696	12	
3492	$8361 \cdot 2^{1135436} + 1$	341805	L3612	13	
3493	$1563 \cdot 2^{1135414} + 1$	341797	L3035	13	
3494	$4555 \cdot 2^{1135366} + 1$	341783	L3548	13	
3495	$9965 \cdot 2^{1135343} + 1$	341777	L3548	13	
3496	$4917 \cdot 2^{1135299} + 1$	341763	L3548	13	
3497	$3513 \cdot 2^{1135292} + 1$	341761	L3565	13	
3498	$1231 \cdot 2^{1135229} - 1$	341742	L1828	11	
3499	$3483 \cdot 2^{1135120} + 1$	341709	L3548	13	
3500	$1089 \cdot 2^{1135049} - 1$	341687	L1828	11	
3501	$5533 \cdot 2^{1135038} + 1$	341685	L3262	13	
3502	$1065 \cdot 2^{1135016} - 1$	341677	L1828	11	

rank	description	digits	who	year	comment
3503	$5527 \cdot 2^{1134830} + 1$	341622	L3548	13	
3504	$4885 \cdot 2^{1134784} + 1$	341608	L3035	13	
3505	$4755 \cdot 2^{1134766} + 1$	341603	L3607	13	
3506	$8559 \cdot 2^{1134763} + 1$	341602	L2715	13	
3507	$277 \cdot 2^{1134740} + 1$	341594	L2308	11	
3508	$4229 \cdot 2^{1134667} + 1$	341573	L3548	13	
3509	$1065 \cdot 2^{1134545} - 1$	341536	L1828	11	
3510	$7409 \cdot 2^{1134389} + 1$	341489	L2413	13	
3511	$45 \cdot 2^{1134357} + 1$	341478	L669	09	
3512	$8559 \cdot 2^{1134103} + 1$	341403	L3548	13	
3513	$3413 \cdot 2^{1133965} + 1$	341362	L3548	13	
3514	$405 \cdot 2^{1133886} - 1$	341337	L1862	12	
3515	$2895 \cdot 2^{1133841} - 1$	341324	L1959	13	
3516	$7513 \cdot 2^{1133828} + 1$	341321	L3548	13	
3517	$1127 \cdot 2^{1133758} - 1$	341299	L1828	11	
3518	$9269 \cdot 2^{1133749} + 1$	341297	L2873	13	
3519	$113756 \cdot 10^{341268} - 1$	341274	L3532	13	Generalized Woodall
3520	$6487 \cdot 2^{1133658} + 1$	341269	L2626	13	
3521	$9135 \cdot 2^{1133503} + 1$	341223	L3548	13	
3522	$8085 \cdot 2^{1133440} + 1$	341204	L3548	13	
3523	$1273 \cdot 2^{1133428} + 1$	341199	L3548	13	
3524	$5121 \cdot 2^{1133419} + 1$	341197	L3548	13	
3525	$2 \cdot 263^{140989} + 1$	341188	g424	11	Divides $\Phi(263^{140989}, 2)$
3526	$3535 \cdot 2^{1133380} + 1$	341185	L3548	13	
3527	$12927 \cdot 60^{191870} + 1$	341178	p268	12	
3528	$7389 \cdot 2^{1133231} + 1$	341141	L3548	13	
3529	$4029 \cdot 2^{1133153} - 1$	341117	L1959	13	
3530	$8383 \cdot 2^{1133064} + 1$	341091	L3548	13	
3531	$4793 \cdot 2^{1133001} + 1$	341071	L2549	13	
3532	$9075 \cdot 2^{1132874} - 1$	341034	L2338	13	
3533	$7835 \cdot 2^{1132845} + 1$	341025	L3612	13	
3534	$9753 \cdot 2^{1132830} + 1$	341020	L3548	13	
3535	$5911 \cdot 2^{1132788} + 1$	341007	L3548	13	
3536	$3807 \cdot 2^{1132699} + 1$	340980	L3262	13	
3537	$9625 \cdot 2^{1132674} + 1$	340973	L3548	13	
3538	$2079 \cdot 2^{1132635} - 1$	340961	L840	13	
3539	$8113 \cdot 2^{1132520} + 1$	340927	L3548	13	
3540	$551 \cdot 2^{1132501} + 1$	340920	L1125	11	
3541	$875 \cdot 2^{1132454} - 1$	340906	L2519	12	
3542	$5757 \cdot 2^{1132418} + 1$	340896	L3548	13	
3543	$4733 \cdot 2^{1132293} + 1$	340858	L2787	13	
3544	$9761 \cdot 2^{1132239} + 1$	340842	L3548	13	
3545	$1235 \cdot 2^{1132210} - 1$	340833	L1828	11	
3546	$8771 \cdot 2^{1132057} + 1$	340788	L3548	13	
3547	$2797 \cdot 2^{1132050} + 1$	340785	L1218	13	
3548	$8145 \cdot 2^{1131886} + 1$	340736	L3548	13	
3549	$7741 \cdot 2^{1131884} + 1$	340735	L3548	13	
3550	$735 \cdot 2^{1131883} - 1$	340734	L1809	12	
3551	$9401 \cdot 2^{1131865} + 1$	340730	L3548	13	
3552	$2513 \cdot 2^{1131757} + 1$	340697	L3548	13	



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3553	$1211 \cdot 2^{1131711} + 1$	340683	L3548	13	
3554	$1115 \cdot 2^{1131709} + 1$	340682	L2739	11	
3555	$2709 \cdot 2^{1131671} + 1$	340671	L3262	13	
3556	$3305 \cdot 2^{1131663} + 1$	340669	L3604	13	
3557	$6951 \cdot 2^{1131451} + 1$	340605	L3548	13	
3558	$1187 \cdot 2^{1131403} + 1$	340590	L2517	11	
3559	$9837 \cdot 2^{1130876} + 1$	340432	L1505	13	
3560	$33 \cdot 2^{1130884} + 1$	340432	L165	06	Divides $GF(1130881, 12)$
3561	$541 \cdot 2^{1130876} + 1$	340431	L2731	11	
3562	$9093 \cdot 2^{1130789} + 1$	340406	L2066	13	
3563	$6253 \cdot 2^{1130752} + 1$	340395	L2526	13	
3564	$1095 \cdot 2^{1130677} - 1$	340371	L1828	11	
3565	$1397 \cdot 2^{1130591} + 1$	340345	L3548	13	
3566	$1087 \cdot 2^{1130492} + 1$	340316	L2730	11	
3567	$4297 \cdot 2^{1130476} + 1$	340311	L3548	13	
3568	$2759 \cdot 2^{1130357} + 1$	340275	L3548	13	
3569	$937 \cdot 2^{1130278} + 1$	340251	L2659	11	
3570	$3191 \cdot 2^{1130177} + 1$	340221	L3548	13	
3571	$2817 \cdot 2^{1130160} + 1$	340216	L3262	13	
3572	$2145 \cdot 2^{1130133} + 1$	340208	L2081	13	
3573	$3795 \cdot 2^{1130125} + 1$	340206	L3262	13	
3574	$3709 \cdot 2^{1130122} + 1$	340205	L3548	13	
3575	$2037 \cdot 2^{1129995} + 1$	340166	L759	13	
3576	$7289 \cdot 2^{1129949} + 1$	340153	L3548	13	
3577	$163 \cdot 2^{1129934} + 1$	340147	L1751	10	Divides $GF(1129933, 10)$
3578	$1035 \cdot 2^{1129901} - 1$	340138	L1828	11	
3579	$178192 \cdot 3^{712768} + 1$	340083	L2777	11	Generalized Cullen
3580	$855 \cdot 2^{1129695} + 1$	340076	L1935	11	
3581	$6283 \cdot 2^{1129608} + 1$	340050	L3271	13	
3582	$701 \cdot 2^{1129531} + 1$	340026	L2517	11	
3583	$4615 \cdot 2^{1129522} + 1$	340024	L3601	13	
3584	$653 \cdot 2^{1129481} + 1$	340011	L2730	11	
3585	$6381 \cdot 2^{1129447} + 1$	340002	L3262	13	
3586	$2899 \cdot 2^{1129414} + 1$	339991	L3548	13	
3587	$1121 \cdot 2^{1129391} + 1$	339984	L2659	11	
3588	$3011 \cdot 2^{1129319} + 1$	339963	L2873	13	
3589	$2405 \cdot 2^{1129275} + 1$	339950	L1584	13	
3590	$7893 \cdot 2^{1129222} + 1$	339934	L3548	13	
3591	$341 \cdot 2^{1129218} - 1$	339932	L1830	13	
3592	$2029 \cdot 2^{1129178} + 1$	339920	L3548	13	
3593	$2235 \cdot 2^{1129076} + 1$	339890	L3548	13	
3594	$6861 \cdot 2^{1129063} + 1$	339886	L3548	13	
3595	$8715 \cdot 2^{1128878} + 1$	339831	L3548	13	
3596	$583 \cdot 2^{1128879} - 1$	339830	L3055	12	
3597	$8819 \cdot 2^{1128865} + 1$	339827	L3548	13	
3598	$2135 \cdot 2^{1128849} + 1$	339821	L3548	13	
3599	$789 \cdot 2^{1128793} - 1$	339804	L1815	12	
3600	$64 \cdot 3^{712171} + 1$	339794	x28	06	
3601	$531 \cdot 2^{1128640} + 1$	339758	L2659	11	
3602	$573 \cdot 2^{1128632} - 1$	339755	L2047	12	

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3603	$3963 \cdot 2^{1128621} + 1$	339753	L3262	13	
3604	$6253 \cdot 2^{1128514} + 1$	339721	L3548	13	
3605	$7041 \cdot 2^{1128511} + 1$	339720	L2719	13	
3606	$9251 \cdot 2^{1128433} + 1$	339697	L3548	13	
3607	$4281 \cdot 2^{1128417} + 1$	339691	L3548	13	
3608	$4065 \cdot 2^{1128231} + 1$	339635	L1130	13	
3609	$1881 \cdot 2^{1128147} + 1$	339610	L1204	13	
3610	$8653 \cdot 2^{1128144} + 1$	339610	L3548	13	
3611	$8205 \cdot 2^{1128141} + 1$	339609	L3548	13	
3612	$7515 \cdot 2^{1128101} + 1$	339597	L3548	13	
3613	$8729 \cdot 2^{1128091} + 1$	339594	L2327	13	
3614	$9879 \cdot 2^{1127974} + 1$	339559	L3548	13	
3615	$1287 \cdot 2^{1127953} - 1$	339551	L1828	11	
3616	$4059 \cdot 2^{1127770} + 1$	339497	L1204	13	
3617	$9477 \cdot 2^{1127694} - 1$	339474	L2338	13	
3618	$7233 \cdot 2^{1127648} + 1$	339460	L3548	13	
3619	$6831 \cdot 2^{1127564} + 1$	339435	L3548	13	
3620	$621 \cdot 2^{1127434} - 1$	339395	L1809	12	
3621	$8919 \cdot 2^{1127365} + 1$	339375	L2650	13	
3622	$3507 \cdot 2^{1127308} + 1$	339358	L3548	13	
3623	$507 \cdot 2^{1127304} - 1$	339356	L3055	12	
3624	$9735 \cdot 2^{1126899} + 1$	339235	L3548	13	
3625	$1887 \cdot 2^{1126744} + 1$	339188	L3548	13	
3626	$851 \cdot 2^{1126707} + 1$	339176	L2085	11	
3627	$9071 \cdot 2^{1126643} + 1$	339158	L2520	13	
3628	$597 \cdot 2^{1126638} + 1$	339155	L1223	11	
3629	$3309 \cdot 2^{1126570} + 1$	339135	L3548	13	
3630	$76322 \cdot 5^{485176} - 1$	339129	p284	10	
3631	$63 \cdot 2^{1126551} - 1$	339128	L323	08	
3632	$9501 \cdot 2^{1126457} + 1$	339102	L2661	13	
3633	$9843 \cdot 2^{1126434} + 1$	339095	L2131	13	
3634	$1077 \cdot 2^{1126434} - 1$	339094	L1828	11	
3635	$4497 \cdot 2^{1126431} + 1$	339094	L3548	13	
3636	$7113 \cdot 2^{1126417} + 1$	339090	L3548	13	
3637	$5803 \cdot 2^{1126400} + 1$	339084	L3548	13	
3638	$8451 \cdot 2^{1126381} + 1$	339079	L2327	13	
3639	$4211 \cdot 2^{1126273} + 1$	339046	L1204	13	
3640	$5005 \cdot 2^{1126168} + 1$	339015	L3141	13	
3641	$842711 \cdot 2^{1126138} - 1$	339008	L251	09	
3642	$14521 \cdot 6^{435631} + 1$	338991	L2777	12	Generalized Cullen
3643	$385 \cdot 2^{1126083} - 1$	338988	L1819	13	
3644	$5817 \cdot 2^{1125952} + 1$	338950	L3548	13	
3645	$1365 \cdot 2^{1125937} - 1$	338944	L1828	11	
3646	$355 \cdot 2^{1125573} - 1$	338834	L1830	13	
3647	$7391 \cdot 2^{1125545} + 1$	338827	L3548	13	
3648	$6555 \cdot 2^{1125540} - 1$	338826	L2338	13	
3649	$6825 \cdot 2^{1125527} + 1$	338822	L3548	13	
3650	$6651 \cdot 2^{1125436} + 1$	338794	L3548	13	
3651	$51176 \cdot 5^{484669} + 1$	338774	p280	10	
3652	$8979 \cdot 2^{1125325} + 1$	338761	L3548	13	

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3653	$4227 \cdot 2^{1125184} + 1$	338718	L3548	13	
3654	$247 \cdot 2^{1124806} + 1$	338603	L1360	11	
3655	$997 \cdot 2^{1124781} - 1$	338596	L1817	12	
3656	$4105 \cdot 2^{1124721} - 1$	338579	L1959	12	
3657	$8703 \cdot 2^{1124681} + 1$	338567	L3548	13	
3658	$8331 \cdot 2^{1124528} + 1$	338521	L3548	13	
3659	$9947 \cdot 2^{1124391} + 1$	338480	L3548	13	
3660	$9477 \cdot 2^{1124380} - 1$	338477	L2338	13	
3661	$6537 \cdot 2^{1124320} + 1$	338458	L3262	13	
3662	$5511 \cdot 2^{1124309} + 1$	338455	L3548	13	
3663	$1728 \cdot 151^{155323} + 1$	338449	p365	13	
3664	$1353 \cdot 2^{1124153} + 1$	338407	L3548	13	
3665	$2 \cdot 467^{126775} + 1$	338403	g425	11	Divides $\Phi(467^{126775}, 2)$
3666	$61 \cdot 2^{1124049} - 1$	338375	L121	10	
3667	$6637 \cdot 2^{1124004} + 1$	338363	L3586	13	
3668	$9449 \cdot 2^{1123993} + 1$	338360	L3309	13	
3669	$225 \cdot 2^{1123975} - 1$	338353	L2074	12	
3670	$4147 \cdot 2^{1123873} - 1$	338324	L1959	12	
3671	$1807 \cdot 2^{1123862} + 1$	338320	L1204	13	
3672	$2079 \cdot 2^{1123858} + 1$	338319	L1204	13	
3673	$8353 \cdot 2^{1123808} + 1$	338304	L3548	13	
3674	$8973 \cdot 2^{1123741} + 1$	338284	L3035	13	
3675	$2553 \cdot 2^{1123722} + 1$	338278	L3548	13	
3676	$3539 \cdot 2^{1123683} + 1$	338266	L3548	13	
3677	$4703 \cdot 2^{1123597} + 1$	338241	L3548	13	
3678	$978847155 \cdot 2^{1123391} - 1$	338184	L58	13	
3679	$685 \cdot 2^{1123361} - 1$	338169	L1817	12	
3680	$4341 \cdot 2^{1123340} + 1$	338163	L3548	13	
3681	$9093 \cdot 2^{1123290} + 1$	338148	L3548	13	
3682	$1113 \cdot 2^{1123280} + 1$	338145	L2045	11	
3683	$9165 \cdot 2^{1123276} + 1$	338144	L3548	13	
3684	$7123 \cdot 2^{1123144} + 1$	338104	L3548	13	
3685	$1425 \cdot 2^{1123016} - 1$	338065	L1134	12	
3686	$255 \cdot 2^{1122897} + 1$	338029	L2085	11	
3687	$2383 \cdot 2^{1122852} + 1$	338016	L3548	13	
3688	$3201 \cdot 2^{1122811} + 1$	338004	L3548	13	
3689	$1937 \cdot 2^{1122799} + 1$	338000	L3548	13	
3690	$8197 \cdot 2^{1122710} + 1$	337974	L3548	13	
3691	$5951 \cdot 2^{1122621} + 1$	337947	L3548	13	
3692	$1015 \cdot 2^{1122611} - 1$	337943	L1828	11	
3693	$645 \cdot 2^{1122571} - 1$	337931	L1817	12	
3694	$463 \cdot 2^{1122510} + 1$	337912	L2085	11	
3695	$8953 \cdot 2^{1122468} + 1$	337901	L3548	13	
3696	$119 \cdot 2^{1122472} - 1$	337900	L2338	11	
3697	$5005 \cdot 2^{1122456} + 1$	337897	L3548	13	
3698	$2893 \cdot 2^{1122400} + 1$	337880	L3548	13	
3699	$933 \cdot 2^{1122372} - 1$	337871	L565	12	
3700	$1857 \cdot 2^{1122003} + 1$	337760	L1204	13	
3701	$8873 \cdot 2^{1121961} + 1$	337748	L3548	13	
3702	$1637 \cdot 2^{1121947} + 1$	337743	L1204	13	

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3703	$4581 \cdot 2^{1121856} + 1$	337716	L1204	13	
3704	$7509 \cdot 2^{1121842} + 1$	337712	L3548	13	
3705	$9667 \cdot 2^{1121824} + 1$	337707	L3597	13	
3706	$6649 \cdot 2^{1121758} + 1$	337687	L2549	13	
3707	$4587 \cdot 2^{1121743} + 1$	337682	L3548	13	
3708	$177 \cdot 2^{1121720} + 1$	337674	L129	06	
3709	$2411 \cdot 2^{1121691} + 1$	337667	L1204	13	
3710	$2425 \cdot 2^{1121622} + 1$	337646	L3548	13	
3711	$1533 \cdot 2^{1121554} + 1$	337625	L1204	13	
3712	$8455 \cdot 2^{1121446} + 1$	337593	L3548	13	
3713	$3441 \cdot 2^{1121287} + 1$	337545	L3548	13	
3714	$585 \cdot 2^{1121215} + 1$	337523	L1303	11	
3715	$4131 \cdot 2^{1121188} + 1$	337515	L3548	13	
3716	$4005 \cdot 2^{1121174} - 1$	337511	L1959	12	
3717	$9369 \cdot 2^{1121121} + 1$	337496	L3598	13	
3718	$141146^{65536} + 1$	337489	g281	02	Generalized Fermat
3719	$1107 \cdot 2^{1121007} + 1$	337460	L2522	11	
3720	$819 \cdot 2^{1120943} - 1$	337441	L1817	12	
3721	$8871 \cdot 2^{1120936} + 1$	337440	L3548	13	
3722	$9135 \cdot 2^{1120917} - 1$	337434	L2338	13	
3723	$6081 \cdot 2^{1120891} + 1$	337426	L3548	13	
3724	$1473 \cdot 2^{1120865} + 1$	337418	L3580	13	
3725	$6241 \cdot 2^{1120856} + 1$	337416	L3548	13	Generalized Fermat
3726	$6837 \cdot 2^{1120843} + 1$	337412	L1502	13	
3727	$6429 \cdot 2^{1120799} + 1$	337398	L3548	13	
3728	$8947 \cdot 2^{1120726} + 1$	337377	L3035	13	
3729	$5709 \cdot 2^{1120461} + 1$	337297	L1218	13	
3730	$9491 \cdot 2^{1120397} + 1$	337278	L3548	13	
3731	$1983 \cdot 2^{1120246} + 1$	337231	L3548	13	
3732	$707 \cdot 2^{1120218} - 1$	337223	L1815	12	
3733	$87 \cdot 2^{1120006} - 1$	337158	L121	10	
3734	$7437 \cdot 2^{1119851} + 1$	337113	L3548	13	
3735	$7363 \cdot 2^{1119836} + 1$	337109	L3548	13	
3736	$6125 \cdot 2^{1119775} + 1$	337090	L3548	13	
3737	$3529 \cdot 2^{1119770} + 1$	337088	L3575	13	
3738	$9441 \cdot 2^{1119721} - 1$	337074	L840	13	
3739	$2703 \cdot 2^{1119676} + 1$	337060	L3548	13	
3740	$1779 \cdot 2^{1119634} + 1$	337047	L2997	13	
3741	$10021 \cdot 2^{1119611} - 1$	337041	L536	11	
3742	$8353 \cdot 2^{1119578} + 1$	337031	L3588	13	
3743	$8855 \cdot 2^{1119553} + 1$	337023	L3548	13	
3744	$3945 \cdot 2^{1119530} + 1$	337016	L1730	13	
3745	$7985 \cdot 2^{1119475} + 1$	337000	L1204	13	
3746	$1255 \cdot 2^{1119475} - 1$	336999	L1828	11	
3747	$5973 \cdot 2^{1119472} + 1$	336999	L3581	13	
3748	$1665 \cdot 2^{1119469} + 1$	336997	L3548	13	
3749	$4381 \cdot 2^{1119452} + 1$	336993	L3548	13	
3750	$4973 \cdot 2^{1119393} + 1$	336975	L3548	13	
3751	$4159 \cdot 2^{1119283} - 1$	336942	L1959	12	
3752	$9075 \cdot 2^{1119272} - 1$	336939	L840	13	

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3753	$1603 \cdot 2^{1119178} + 1$	336910	L3548	13	
3754	$9981 \cdot 2^{1119169} + 1$	336908	L2520	13	
3755	$1005 \cdot 2^{1119171} - 1$	336908	L1828	11	
3756	$627 \cdot 2^{1119114} - 1$	336890	L1815	12	
3757	$1095 \cdot 2^{1119088} - 1$	336883	L1828	11	
3758	$7155 \cdot 2^{1119014} + 1$	336861	L3548	13	
3759	$9687 \cdot 2^{1118990} + 1$	336854	L3548	13	
3760	$2661 \cdot 2^{1118988} + 1$	336853	L3548	13	
3761	$547 \cdot 2^{1118868} + 1$	336816	L1820	11	
3762	$229 \cdot 2^{1118806} + 1$	336797	L2835	11	
3763	$2239 \cdot 2^{1118722} + 1$	336773	L3548	13	
3764	$3985 \cdot 2^{1118644} + 1$	336749	L3548	13	
3765	$4627 \cdot 2^{1118622} + 1$	336743	L3548	13	
3766	$3747 \cdot 2^{1118602} + 1$	336737	L2322	13	
3767	$4257 \cdot 2^{1118563} + 1$	336725	L3548	13	
3768	$6411 \cdot 2^{1118425} + 1$	336684	L3594	13	
3769	$1237 \cdot 2^{1118250} + 1$	336630	L3548	13	
3770	$8307 \cdot 2^{1118043} + 1$	336569	L3548	13	
3771	$6545 \cdot 2^{1117947} + 1$	336540	L3548	13	
3772	$7179 \cdot 2^{1117945} + 1$	336539	L1479	13	
3773	$517 \cdot 2^{1117948} + 1$	336539	L1935	11	
3774	$7487 \cdot 2^{1117851} + 1$	336511	L3548	13	
3775	$6357 \cdot 2^{1117794} + 1$	336494	L3548	13	
3776	$601 \cdot 2^{1117772} + 1$	336486	L2727	11	
3777	$825 \cdot 2^{1117738} - 1$	336476	L1815	12	
3778	$8259 \cdot 2^{1117723} + 1$	336473	L3548	13	
3779	$6369 \cdot 2^{1117513} - 1$	336409	L840	13	
3780	$8001 \cdot 2^{1117371} + 1$	336367	L3548	13	
3781	$3109 \cdot 2^{1117342} + 1$	336357	L3548	13	
3782	$1905 \cdot 2^{1117329} + 1$	336353	L3548	13	
3783	$165 \cdot 2^{1117217} + 1$	336319	g196	07	
3784	$289 \cdot 2^{1117182} + 1$	336308	L2854	11	Generalized Fermat
3785	$8129 \cdot 2^{1117169} + 1$	336306	L3548	13	
3786	$777 \cdot 2^{1117120} - 1$	336290	L1815	12	
3787	$619 \cdot 2^{1117103} - 1$	336285	L2257	12	
3788	$1415 \cdot 2^{1117069} + 1$	336275	L3548	13	
3789	$9951 \cdot 2^{1117053} + 1$	336271	L3548	13	
3790	$4739 \cdot 2^{1117001} + 1$	336255	L3548	13	
3791	$2039 \cdot 2^{1116991} + 1$	336252	L3548	13	
3792	$2701 \cdot 2^{1116760} + 1$	336182	L3548	13	
3793	$5043 \cdot 2^{1116722} + 1$	336171	L1761	13	
3794	$9715 \cdot 2^{1116646} + 1$	336148	L3500	13	
3795	$5475 \cdot 2^{1116625} + 1$	336142	L3576	13	
3796	$279 \cdot 2^{1116600} - 1$	336133	L2338	12	
3797	$315 \cdot 2^{1116547} - 1$	336117	L536	10	
3798	$1125 \cdot 2^{1116485} - 1$	336099	L1828	11	
3799	$9387 \cdot 2^{1116471} + 1$	336096	L1741	13	
3800	$9227 \cdot 2^{1116307} + 1$	336046	L3548	13	
3801	$371 \cdot 2^{1116274} - 1$	336035	L2235	13	
3802	$897 \cdot 2^{1116263} + 1$	336032	L1820	11	

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3803	$3391 \cdot 2^{1116252} + 1$	336029	L3548	13	
3804	$8441 \cdot 2^{1116187} + 1$	336010	L3595	13	
3805	$2373 \cdot 2^{1116165} + 1$	336003	L3548	13	
3806	$10 \cdot 458^{126261} - 1$	335965	L3610	13	
3807	$9849 \cdot 2^{1115934} + 1$	335934	L3548	13	
3808	$6531 \cdot 2^{1115919} + 1$	335929	L3548	13	
3809	$33 \cdot 2^{1115902} - 1$	335922	L488	08	
3810	$4849 \cdot 2^{1115878} + 1$	335917	L3555	13	
3811	$2983 \cdot 2^{1115876} + 1$	335916	L3548	13	
3812	$9999993 \cdot 10^{335905} - 1$	335912	L1958	13	Near-repdigit
3813	$6141 \cdot 2^{1115840} + 1$	335906	L3548	13	
3814	$9433 \cdot 2^{1115758} + 1$	335881	L2549	13	
3815	$631 \cdot 2^{1115708} + 1$	335865	L1314	11	
3816	$1791 \cdot 2^{1115671} + 1$	335854	L2070	13	
3817	$5481 \cdot 2^{1115636} + 1$	335844	L2520	13	
3818	$1179 \cdot 2^{1115439} + 1$	335784	L2726	11	
3819	$4573 \cdot 2^{1115390} + 1$	335770	L2583	13	
3820	$3255 \cdot 2^{1115324} + 1$	335750	L2626	13	
3821	$6195 \cdot 2^{1115281} + 1$	335737	L3548	13	
3822	$7045 \cdot 2^{1115270} + 1$	335734	L3548	13	
3823	$6813 \cdot 2^{1115265} + 1$	335733	L2520	13	
3824	$8499 \cdot 2^{1115263} + 1$	335732	L3137	13	
3825	$9093 \cdot 2^{1115260} + 1$	335731	L2322	13	
3826	$189 \cdot 2^{1115090} + 1$	335678	L1446	11	
3827	$3603 \cdot 2^{1115044} + 1$	335666	L3555	13	
3828	$3631 \cdot 2^{1114920} + 1$	335628	L3548	13	
3829	$2827 \cdot 2^{1114862} + 1$	335611	L3141	13	
3830	$3919 \cdot 2^{1114838} + 1$	335604	L3548	13	
3831	$789 \cdot 2^{1114779} + 1$	335585	L1733	11	
3832	$9279 \cdot 2^{1114739} + 1$	335574	L3592	13	
3833	$3117 \cdot 2^{1114546} + 1$	335516	L2925	13	
3834	$3201 \cdot 2^{1114532} + 1$	335512	L3233	13	
3835	$2043 \cdot 2^{1114516} - 1$	335507	L2338	13	
3836	$9999 \cdot 2^{1114509} + 1$	335505	L3548	13	
3837	$3279 \cdot 2^{1114403} + 1$	335473	L3548	13	
3838	$20 \cdot 620^{120136} - 1$	335469	p368	13	
3839	$353 \cdot 2^{1114356} - 1$	335458	L579	10	
3840	$6223 \cdot 2^{1114280} + 1$	335436	L3548	13	
3841	$2469 \cdot 2^{1114227} + 1$	335420	L3548	13	
3842	$9645 \cdot 2^{1114040} + 1$	335364	L2413	13	
3843	$7215 \cdot 2^{1114007} - 1$	335354	L2338	13	
3844	$5845 \cdot 2^{1113930} + 1$	335331	L3035	13	
3845	$1919 \cdot 2^{1113873} + 1$	335313	L3565	13	
3846	$6261 \cdot 2^{1113861} + 1$	335310	L3548	13	
3847	$6765 \cdot 2^{1113678} + 1$	335255	L3548	13	
3848	$1947 \cdot 2^{1113587} + 1$	335227	L3548	13	
3849	$8097 \cdot 2^{1113583} + 1$	335226	L3430	13	
3850	$2903 \cdot 2^{1113501} + 1$	335201	L1158	13	
3851	$663 \cdot 2^{1113450} + 1$	335185	L1125	11	
3852	$3237 \cdot 2^{1113368} + 1$	335161	L3271	13	

rank	description	digits	who	year	comment
3853	$1299 \cdot 2^{1113341} + 1$	335153	L3548	13	
3854	$1915 \cdot 2^{1113338} + 1$	335152	L3548	13	
3855	$4263 \cdot 2^{1113329} + 1$	335150	L3548	13	
3856	$4159 \cdot 2^{1113265} - 1$	335130	L1959	12	
3857	$4123 \cdot 2^{1113248} + 1$	335125	L3548	13	
3858	$2565 \cdot 2^{1113204} - 1$	335112	L2338	12	
3859	$2195 \cdot 2^{1113065} + 1$	335070	L2925	13	
3860	$6505 \cdot 2^{1113034} + 1$	335061	L1312	13	
3861	$5091 \cdot 2^{1112981} + 1$	335045	L2981	13	
3862	$9135 \cdot 2^{1112927} + 1$	335029	L3548	13	
3863	$8595 \cdot 2^{1112918} + 1$	335026	L3213	13	
3864	$2765 \cdot 2^{1112819} + 1$	334996	L3548	13	
3865	$93 \cdot 2^{1112805} + 1$	334990	L1446	11	
3866	$6453 \cdot 2^{1112789} + 1$	334987	L1841	13	
3867	$8889 \cdot 2^{1112753} + 1$	334976	L3531	13	
3868	$4099 \cdot 2^{1112709} - 1$	334963	L1959	12	
3869	$1357 \cdot 2^{1112452} + 1$	334885	L2322	13	
3870	$705 \cdot 2^{1112418} - 1$	334875	L1817	12	
3871	$3023 \cdot 2^{1112381} + 1$	334864	L1741	13	
3872	$439 \cdot 2^{1112314} + 1$	334843	L1125	11	
3873	$6633 \cdot 2^{1112273} + 1$	334832	L2520	13	
3874	$8201 \cdot 2^{1112165} + 1$	334799	L3589	13	
3875	$5579 \cdot 2^{1112013} + 1$	334754	L3378	13	
3876	$8291 \cdot 2^{1111973} + 1$	334742	L3587	13	
3877	$903 \cdot 2^{1111928} + 1$	334727	L2725	11	
3878	$2^{1111932} + 2 \cdot V(1, 2, 1111930) + 1$	334725	x41	12	
3879	$7041 \cdot 2^{1111772} + 1$	334681	L3246	13	
3880	$1089 \cdot 2^{1111763} + 1$	334678	L2724	11	
3881	$45 \cdot 2^{1111703} + 1$	334658	L669	09	
3882	$555 \cdot 2^{1111663} + 1$	334647	L2652	11	
3883	$2211 \cdot 2^{1111659} - 1$	334647	L2338	13	
3884	$4069 \cdot 2^{1111634} + 1$	334639	L1931	13	
3885	$2049 \cdot 2^{1111613} - 1$	334633	L2338	13	
3886	$5585 \cdot 2^{1111579} + 1$	334623	L3548	13	
3887	$9651 \cdot 2^{1111575} + 1$	334622	L3548	13	
3888	$813 \cdot 2^{1111489} + 1$	334595	L1379	11	
3889	$7011 \cdot 2^{1111439} + 1$	334581	L3141	13	
3890	$8195 \cdot 2^{1111375} + 1$	334562	L3271	13	
3891	$9803 \cdot 2^{1111373} + 1$	334561	L3035	13	
3892	$3405 \cdot 2^{1111301} + 1$	334539	L3548	13	
3893	$4037 \cdot 2^{1111299} + 1$	334538	L2840	13	
3894	$8509 \cdot 2^{1111194} + 1$	334507	L3584	13	
3895	$6040239 \cdot 2^{1111111} - 1$	334485	p296	12	
3896	$5834751 \cdot 2^{1111111} - 1$	334485	p296	12	
3897	$487419 \cdot 2^{1111111} + 1$	334484	g412	12	
3898	$7395 \cdot 2^{1111100} + 1$	334479	L1741	13	
3899	$7493 \cdot 2^{1111025} + 1$	334456	L3548	13	
3900	$57 \cdot 2^{1110980} - 1$	334441	L121	10	
3901	$7275 \cdot 2^{1110967} + 1$	334439	L3588	13	
3902	$1555 \cdot 2^{1110958} + 1$	334435	L3561	13	

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3903	$4155 \cdot 2^{1110839} - 1$	334400	L1959	12	
3904	$8339 \cdot 2^{1110831} + 1$	334398	L2322	13	
3905	$3009 \cdot 2^{1110677} + 1$	334351	L1741	13	
3906	$3901 \cdot 2^{1110652} + 1$	334344	L3548	13	
3907	$3471 \cdot 2^{1110637} - 1$	334339	L1973	13	
3908	$945 \cdot 2^{1110626} - 1$	334335	L1817	12	
3909	$1177 \cdot 2^{1110536} + 1$	334308	L1513	11	
3910	$3145 \cdot 2^{1110482} + 1$	334292	L3548	13	
3911	$339 \cdot 2^{1110323} - 1$	334244	L536	10	
3912	$731 \cdot 2^{1110267} + 1$	334227	L1847	11	
3913	$1499 \cdot 2^{1110265} + 1$	334227	L1502	13	
3914	$3441 \cdot 2^{1110257} + 1$	334225	L3548	13	
3915	$8169 \cdot 2^{1110206} + 1$	334210	L2549	13	
3916	$4023 \cdot 2^{1110105} + 1$	334179	L3548	13	
3917	$1275 \cdot 2^{1110019} - 1$	334153	L1828	11	
3918	$3397 \cdot 2^{1109954} + 1$	334133	L3548	13	
3919	$1981 \cdot 2^{1109843} - 1$	334100	L1134	12	
3920	$7253 \cdot 2^{1109777} + 1$	334081	L3299	13	
3921	$4255 \cdot 2^{1109738} + 1$	334069	L2070	13	
3922	$3933 \cdot 2^{1109714} - 1$	334061	L1973	13	
3923	$8299 \cdot 2^{1109690} + 1$	334054	L1479	13	
3924	$1065 \cdot 2^{1109681} - 1$	334051	L1828	11	
3925	$3405 \cdot 2^{1109645} + 1$	334040	L2413	13	
3926	$105 \cdot 2^{1109585} + 1$	334021	L1446	11	
3927	$6637 \cdot 2^{1109532} + 1$	334007	L1741	13	
3928	$53676 \cdot 151^{153270} + 1$	333977	p365	13	
3929	$1159 \cdot 2^{1109421} - 1$	333973	L1828	11	
3930	$6369 \cdot 2^{1109384} - 1$	333962	L840	13	
3931	$2883 \cdot 2^{1109321} + 1$	333943	L3141	13	
3932	$5805 \cdot 2^{1109294} + 1$	333935	L2520	13	
3933	$1069 \cdot 2^{1109262} + 1$	333925	L1745	11	
3934	$3681 \cdot 2^{1109143} + 1$	333889	L3548	13	
3935	$7245 \cdot 2^{1109076} - 1$	333870	L840	13	
3936	$2249 \cdot 2^{1109065} + 1$	333866	L3469	13	
3937	$1041 \cdot 2^{1108857} + 1$	333803	L2723	11	
3938	$2085 \cdot 2^{1108769} + 1$	333777	L1741	13	
3939	$3609 \cdot 2^{1108714} + 1$	333760	L3548	13	
3940	$3165 \cdot 2^{1108703} + 1$	333757	L3548	13	
3941	$1277 \cdot 2^{1108678} - 1$	333749	L1828	11	
3942	$9219 \cdot 2^{1108671} + 1$	333748	L3593	13	
3943	$3869 \cdot 2^{1108633} + 1$	333736	L3548	13	
3944	$4039 \cdot 2^{1108465} - 1$	333685	L1959	12	
3945	$7313 \cdot 2^{1108441} + 1$	333678	L3439	13	
3946	$2895 \cdot 2^{1108377} + 1$	333659	L1125	13	
3947	$6067 \cdot 2^{1108264} + 1$	333625	L3271	13	
3948	$2325 \cdot 2^{1108257} + 1$	333622	L3516	13	
3949	$1389 \cdot 2^{1108211} - 1$	333608	L1828	11	
3950	$27 \cdot 2^{1108214} - 1$	333608	L590	08	
3951	$6331 \cdot 2^{1108128} + 1$	333584	L2549	13	
3952	$9545 \cdot 2^{1108125} + 1$	333583	L3548	13	



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3953	$4645 \cdot 2^{1108124} + 1$	333583	L3548	13	
3954	$3729 \cdot 2^{1108081} + 1$	333570	L3548	13	
3955	$5549 \cdot 2^{1107937} + 1$	333527	L3569	13	
3956	$2955 \cdot 2^{1107813} + 1$	333489	L1741	13	
3957	$6915 \cdot 2^{1107716} + 1$	333460	L3329	13	
3958	$9843 \cdot 2^{1107688} + 1$	333452	L3548	13	
3959	$6867 \cdot 2^{1107595} + 1$	333424	L3580	13	
3960	$90 \cdot 748^{116015} + 1$	333418	L1471	13	
3961	$1767 \cdot 2^{1107546} + 1$	333408	L2526	13	
3962	$8247 \cdot 2^{1107444} + 1$	333378	L2549	13	
3963	$125 \cdot 2^{1107425} + 1$	333371	L1751	10	
3964	$6489 \cdot 2^{1107355} + 1$	333351	L3583	13	
3965	$2267 \cdot 2^{1107263} + 1$	333323	L3559	13	
3966	$7083 \cdot 2^{1107188} + 1$	333301	L3565	13	
3967	$4179 \cdot 2^{1107188} - 1$	333301	L1959	12	
3968	$2107 \cdot 2^{1107082} + 1$	333269	L3555	13	
3969	$123 \cdot 2^{1107008} + 1$	333245	L1751	10	
3970	$99 \cdot 2^{1106989} - 1$	333239	L486	07	
3971	$8871 \cdot 2^{1106952} + 1$	333230	L2626	13	
3972	$11533 \cdot 2^{1106943} - 1$	333228	L2055	11	
3973	$6545 \cdot 2^{1106933} + 1$	333224	L2700	13	
3974	$8465 \cdot 2^{1106929} + 1$	333223	L3035	13	
3975	$5721 \cdot 2^{1106796} + 1$	333183	L3548	13	
3976	$1777 \cdot 2^{1106642} + 1$	333136	L3234	13	
3977	$7945 \cdot 2^{1106622} + 1$	333131	L1125	13	
3978	$9645 \cdot 2^{1106615} + 1$	333129	L3548	13	
3979	$3555 \cdot 2^{1106377} - 1$	333057	L1973	13	
3980	$305 \cdot 2^{1106333} + 1$	333042	L2851	11	
3981	$3591 \cdot 2^{1106147} + 1$	332987	L1761	13	
3982	$395 \cdot 2^{1106091} + 1$	332970	L1158	11	
3983	$9701 \cdot 2^{1106081} + 1$	332968	L3548	13	
3984	$8525 \cdot 2^{1105949} + 1$	332928	L2719	13	
3985	$9819 \cdot 2^{1105890} + 1$	332911	L3548	13	
3986	$4015 \cdot 2^{1105883} - 1$	332908	L1959	12	
3987	$423 \cdot 2^{1105874} + 1$	332904	L2066	11	
3988	$6109 \cdot 2^{1105870} + 1$	332904	L2714	13	
3989	$9549 \cdot 2^{1105803} + 1$	332884	L3548	13	
3990	$8067 \cdot 2^{1105760} + 1$	332871	L3180	13	
3991	$847 \cdot 2^{1105730} + 1$	332861	L1792	11	
3992	$7841 \cdot 2^{1105701} + 1$	332854	L2520	13	
3993	$8687 \cdot 2^{1105599} + 1$	332823	L3362	13	
3994	$4565 \cdot 2^{1105459} + 1$	332780	L3548	13	
3995	$8511 \cdot 2^{1105376} + 1$	332756	L3585	13	
3996	$4113 \cdot 2^{1105346} - 1$	332746	L1959	12	
3997	$469 \cdot 2^{1105345} - 1$	332745	L1816	12	
3998	$1153 \cdot 2^{1105252} + 1$	332718	L1741	11	
3999	$9885 \cdot 2^{1105239} + 1$	332715	L3580	13	
4000	$7453 \cdot 2^{1105008} + 1$	332645	L1741	13	
4001	$5313 \cdot 2^{1104930} + 1$	332621	L3548	13	
4002	$5957 \cdot 2^{1104863} + 1$	332601	L3548	13	

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4003	$7623 \cdot 2^{1104806} + 1$	332584	L3035	13	
4004	$3423 \cdot 2^{1104794} - 1$	332580	L1973	13	
4005	$2193 \cdot 2^{1104764} + 1$	332571	L3035	13	
4006	$4177 \cdot 2^{1104696} + 1$	332551	L3548	13	
4007	$9101981 \cdot 2^{1104666} - 1$	332545	L1134	12	
4008	$3977 \cdot 2^{1104599} + 1$	332522	L3548	13	
4009	$11 \cdot 2^{1104606} - 1$	332521	L10	05	
4010	$417 \cdot 2^{1104563} + 1$	332510	L2627	11	
4011	$8583 \cdot 2^{1104546} + 1$	332506	L2520	13	
4012	$2565 \cdot 2^{1104510} + 1$	332495	L1158	13	
4013	$446236!_7 - 1$	332466	p3	11	Multifactorial
4014	$1775 \cdot 2^{1104337} + 1$	332442	L1158	13	
4015	$6255 \cdot 2^{1104201} + 1$	332402	L1741	13	
4016	$117 \cdot 2^{1104138} - 1$	332381	L1959	11	
4017	$6297 \cdot 2^{1104122} + 1$	332378	L2959	13	
4018	$4129 \cdot 2^{1104111} - 1$	332375	L1959	12	
4019	$9777 \cdot 2^{1104087} + 1$	332368	L2520	13	
4020	$367 \cdot 2^{1103912} + 1$	332314	L1935	11	
4021	$5565 \cdot 2^{1103901} + 1$	332312	L3548	13	
4022	$4125 \cdot 2^{1103667} + 1$	332241	L3548	13	
4023	$4141 \cdot 2^{1103524} + 1$	332198	L2583	13	
4024	$5411 \cdot 2^{1103465} + 1$	332180	L3548	13	
4025	$4563 \cdot 2^{1103437} + 1$	332172	L3548	13	
4026	$49 \cdot 2^{1103430} + 1$	332168	L669	09	Generalized Fermat
4027	$1029 \cdot 2^{1103372} - 1$	332152	L1828	11	
4028	$3253 \cdot 2^{1103320} + 1$	332136	L3548	13	
4029	$5805 \cdot 2^{1103258} + 1$	332118	L3548	13	
4030	$3975 \cdot 2^{1103217} - 1$	332106	L840	13	
4031	$1369 \cdot 2^{1103183} - 1$	332095	L1828	11	
4032	$4775 \cdot 2^{1103013} + 1$	332044	L2908	13	
4033	$6127 \cdot 2^{1102942} + 1$	332023	L3580	13	
4034	$4891 \cdot 2^{1102896} + 1$	332009	L3516	13	
4035	$6805 \cdot 2^{1102864} + 1$	331999	L3035	13	
4036	$1273 \cdot 2^{1102810} + 1$	331982	L2520	13	
4037	$2049 \cdot 2^{1102720} - 1$	331956	L2338	13	
4038	$9999993 \cdot 10^{331938} - 1$	331945	L1958	13	Near-repdigit
4039	$7123 \cdot 2^{1102462} + 1$	331878	L2327	13	
4040	$6387 \cdot 2^{1102440} + 1$	331872	L3141	13	
4041	$2087 \cdot 2^{1102439} + 1$	331871	L2827	13	
4042	$6249 \cdot 2^{1102419} + 1$	331865	L3469	13	
4043	$4767 \cdot 2^{1102411} + 1$	331863	L3548	13	
4044	$3543 \cdot 2^{1102300} + 1$	331829	L2859	13	
4045	$6105 \cdot 2^{1102217} + 1$	331805	L2520	13	
4046	$7953 \cdot 2^{1102094} + 1$	331768	L3579	13	
4047	$8041 \cdot 2^{1102044} + 1$	331753	L3580	13	
4048	$9651 \cdot 2^{1101919} - 1$	331715	L2338	13	
4049	$3763 \cdot 2^{1101918} + 1$	331714	L3548	13	
4050	$5345 \cdot 2^{1101637} + 1$	331630	L3569	13	
4051	$573 \cdot 2^{1101398} - 1$	331557	L1816	12	
4052	$4079 \cdot 2^{1101392} - 1$	331556	L1959	12	

rank	description	digits	who	year	comment
4053	$4155 \cdot 2^{1101359} - 1$	331546	L1959	12	
4054	$7289 \cdot 2^{1101323} + 1$	331536	L1741	13	
4055	$3951 \cdot 2^{1101191} + 1$	331496	L1741	13	
4056	$9005 \cdot 2^{1101167} + 1$	331489	L3548	13	
4057	$7449 \cdot 2^{1101162} + 1$	331487	L3577	13	
4058	$5213 \cdot 2^{1100961} + 1$	331427	L3548	13	
4059	$4045 \cdot 2^{1100929} - 1$	331417	L1959	12	
4060	$5245 \cdot 2^{1100804} + 1$	331379	L3548	13	
4061	$165 \cdot 2^{1100755} + 1$	331363	g196	07	
4062	$9221 \cdot 2^{1100735} + 1$	331359	L2322	13	
4063	$6375 \cdot 2^{1100715} + 1$	331353	L3141	13	
4064	$3531 \cdot 2^{1100553} + 1$	331304	L3548	13	
4065	$4895 \cdot 2^{1100351} + 1$	331243	L3548	13	
4066	$4325 \cdot 2^{1100347} + 1$	331242	L3451	13	
4067	$6255 \cdot 2^{1100281} + 1$	331222	L2322	13	
4068	$1551 \cdot 2^{1100211} + 1$	331200	L3548	13	
4069	$1383 \cdot 2^{1100160} + 1$	331185	L3019	13	
4070	$2205 \cdot 2^{1100053} + 1$	331153	L3246	13	
4071	$9135 \cdot 2^{1099944} - 1$	331121	L2338	13	
4072	$191 \cdot 2^{1099867} + 1$	331096	L669	10	
4073	$635 \cdot 2^{1099854} - 1$	331092	L1817	12	
4074	$1517 \cdot 2^{1099851} + 1$	331092	L3435	13	
4075	$6587 \cdot 2^{1099823} + 1$	331084	L3551	13	
4076	$173 \cdot 2^{1099741} + 1$	331058	L669	10	
4077	$5535 \cdot 2^{1099692} + 1$	331045	L3548	13	
4078	$2547 \cdot 2^{1099688} - 1$	331043	L1959	12	
4079	$5523 \cdot 2^{1099477} + 1$	330980	L3548	13	
4080	$2397 \cdot 2^{1099424} + 1$	330963	L3248	13	
4081	$4037 \cdot 2^{1099328} - 1$	330935	L1959	12	
4082	$2287 \cdot 2^{1099206} + 1$	330898	L3548	13	
4083	$5735 \cdot 2^{1099141} + 1$	330879	L3548	13	
4084	$2295 \cdot 2^{1099067} - 1$	330856	L1959	12	
4085	$2145 \cdot 2^{1099064} + 1$	330855	L1792	13	Divides Fermat $F(1099061)$
4086	$371 \cdot 2^{1099061} + 1$	330853	L2732	11	
4087	$4689 \cdot 2^{1098986} + 1$	330832	L2981	13	
4088	$4857 \cdot 2^{1098911} + 1$	330809	L2413	13	
4089	$173 \cdot 2^{1098914} - 1$	330809	L2432	11	
4090	$1059 \cdot 2^{1098871} + 1$	330797	L2642	11	
4091	$1731 \cdot 2^{1098772} + 1$	330767	L2626	13	
4092	$5449 \cdot 2^{1098762} + 1$	330765	L1957	13	
4093	$3023 \cdot 2^{1098757} + 1$	330763	L1356	13	
4094	$7443 \cdot 2^{1098746} + 1$	330760	L1741	13	
4095	$5005 \cdot 2^{1098514} + 1$	330690	L1741	13	
4096	$8109 \cdot 2^{1098441} + 1$	330668	L3171	13	
4097	$57 \cdot 2^{1098272} - 1$	330615	L260	10	
4098	$9837 \cdot 2^{1098195} + 1$	330594	L3262	13	
4099	$289 \cdot 2^{1098117} - 1$	330569	L6	06	
4100	$5919 \cdot 2^{1097990} + 1$	330532	L3035	13	
4101	$2215 \cdot 2^{1097952} + 1$	330520	L3262	13	
4102	$3937 \cdot 2^{1097724} + 1$	330452	L2626	13	

rank	description	digits	who	year	comment
4103	$2857 \cdot 2^{1097704} + 1$	330446	L3262	13	
4104	$2985 \cdot 2^{1097669} + 1$	330435	L2949	13	
4105	$9951 \cdot 2^{1097656} + 1$	330432	L1492	13	
4106	$4185 \cdot 2^{1097606} + 1$	330416	L3378	13	
4107	$3873 \cdot 2^{1097593} + 1$	330413	L3378	13	
4108	$2583 \cdot 2^{1097574} + 1$	330407	L1935	13	
4109	$9795 \cdot 2^{1097566} + 1$	330405	L2719	13	
4110	$3093 \cdot 2^{1097468} + 1$	330375	L3469	13	
4111	$117434 \cdot 5^{472635} + 1$	330363	p280	10	
4112	$1151 \cdot 2^{1097414} - 1$	330358	L1828	11	
4113	$5535 \cdot 2^{1097358} + 1$	330342	L1130	13	
4114	$9821 \cdot 2^{1097347} + 1$	330339	L3545	13	
4115	$1297 \cdot 2^{1097337} - 1$	330335	L1828	11	
4116	$9505 \cdot 2^{1097332} + 1$	330334	L3262	13	
4117	$4065 \cdot 2^{1097330} - 1$	330333	L1959	12	
4118	$6461 \cdot 2^{1097279} + 1$	330318	L3262	13	
4119	$3633 \cdot 2^{1097249} + 1$	330309	L1935	13	
4120	$4715 \cdot 2^{1097215} + 1$	330299	L3439	13	
4121	$8457 \cdot 2^{1097158} + 1$	330282	L3262	13	
4122	$4815 \cdot 2^{1097123} + 1$	330271	L3262	13	
4123	$451 \cdot 2^{1096999} - 1$	330233	L1816	12	
4124	$2625 \cdot 2^{1096964} + 1$	330223	L1741	13	
4125	$3779 \cdot 2^{1096939} + 1$	330216	L3262	13	
4126	$1745 \cdot 2^{1096873} + 1$	330195	L3385	13	
4127	$19433 \cdot 2^{1096861} + 1$	330193	g411	08	
4128	$52 \cdot 353^{129583} - 1$	330151	L1471	12	
4129	$435 \cdot 2^{1096682} + 1$	330137	L2850	11	
4130	$5379 \cdot 2^{1096551} + 1$	330099	L1741	13	
4131	$4461 \cdot 2^{1096539} + 1$	330095	L3213	13	
4132	$9731 \cdot 2^{1096515} + 1$	330088	L2279	13	
4133	$2211 \cdot 2^{1096505} + 1$	330085	L3468	13	
4134	$6759 \cdot 2^{1096423} + 1$	330061	L1741	13	
4135	$3403 \cdot 2^{1096286} + 1$	330019	L1158	13	
4136	$4843 \cdot 2^{1096258} + 1$	330011	L2322	13	
4137	$8135 \cdot 2^{1096219} + 1$	329999	L3500	13	
4138	$465 \cdot 2^{1096176} + 1$	329985	L1300	11	
4139	$8691 \cdot 2^{1096127} + 1$	329972	L3257	13	
4140	$108368^{65536} + 1$	329968	g181	01	Generalized Fermat
4141	$2391 \cdot 2^{1095928} + 1$	329911	L3262	13	
4142	$3075 \cdot 2^{1095918} + 1$	329908	L2322	13	
4143	$183 \cdot 2^{1095896} - 1$	329900	L2444	11	
4144	$2195 \cdot 2^{1095881} + 1$	329897	L2064	13	
4145	$763 \cdot 2^{1095860} + 1$	329890	L2714	11	
4146	$4269 \cdot 2^{1095778} + 1$	329866	L2322	13	
4147	$3711 \cdot 2^{1095767} + 1$	329863	L1559	13	
4148	$4851 \cdot 2^{1095744} + 1$	329856	L2131	13	
4149	$6813 \cdot 2^{1095741} + 1$	329855	L3035	13	
4150	$393 \cdot 2^{1095688} - 1$	329838	L644	10	
4151	$4365 \cdot 2^{1095615} + 1$	329817	L2719	13	
4152	$8053 \cdot 2^{1095596} + 1$	329812	L1595	13	

rank	description	digits	who	year	comment
4153	$8959 \cdot 2^{1095494} + 1$	329781	L1125	13	
4154	$2677 \cdot 2^{1095494} + 1$	329780	L3466	13	
4155	$5697 \cdot 2^{1095436} + 1$	329763	L3180	13	
4156	$8841 \cdot 2^{1095417} + 1$	329758	L2322	13	
4157	$7793 \cdot 2^{1095365} + 1$	329742	L1158	13	
4158	$2191 \cdot 2^{1095328} + 1$	329730	L3262	13	
4159	$2163 \cdot 2^{1095326} + 1$	329730	L3011	13	
4160	$9403 \cdot 2^{1095296} + 1$	329721	L3262	13	
4161	$6777 \cdot 2^{1095254} + 1$	329709	L2125	13	
4162	$1611 \cdot 2^{1095224} + 1$	329699	L3262	13	
4163	$9649 \cdot 2^{1095198} + 1$	329692	L3262	13	
4164	$1797 \cdot 2^{1095178} + 1$	329685	L3431	13	
4165	$5567 \cdot 2^{1095019} + 1$	329638	L1741	13	
4166	$2117 \cdot 2^{1094979} + 1$	329625	L3262	13	
4167	$3853 \cdot 2^{1094894} + 1$	329600	L1158	13	
4168	$4383 \cdot 2^{1094862} + 1$	329590	L1792	13	
4169	$7047 \cdot 2^{1094811} + 1$	329575	L2107	13	
4170	$2553 \cdot 2^{1094736} + 1$	329552	L3262	13	
4171	$1811 \cdot 2^{1094713} + 1$	329545	L1204	13	
4172	$3801 \cdot 2^{1094684} + 1$	329537	L3477	13	
4173	$4631 \cdot 2^{1094667} + 1$	329532	L2626	13	
4174	$4833 \cdot 2^{1094592} + 1$	329509	L2626	13	
4175	$5787 \cdot 2^{1094538} + 1$	329493	L2520	13	
4176	$2985 \cdot 2^{1094421} + 1$	329458	L3467	13	
4177	$4105 \cdot 2^{1094318} + 1$	329427	L2826	13	
4178	$8255 \cdot 2^{1094179} + 1$	329385	L2626	13	
4179	$311 \cdot 2^{1094135} + 1$	329370	L153	10	
4180	$2043 \cdot 2^{1094124} - 1$	329368	L2338	13	
4181	$3171 \cdot 2^{1094080} + 1$	329355	L3465	13	
4182	$5457 \cdot 2^{1094052} + 1$	329347	L3257	13	
4183	$3039 \cdot 2^{1093978} + 1$	329324	L1158	13	
4184	$5289 \cdot 2^{1093975} + 1$	329324	L3511	13	
4185	$4149 \cdot 2^{1093926} + 1$	329309	L2085	13	
4186	$733 \cdot 2^{1093762} + 1$	329259	L1885	11	
4187	$3287 \cdot 2^{1093731} + 1$	329250	L1546	13	
4188	$5193 \cdot 2^{1093718} + 1$	329246	L2085	13	
4189	$4989 \cdot 2^{1093678} + 1$	329234	L2520	13	
4190	$9171 \cdot 2^{1093516} + 1$	329186	L3539	13	
4191	$9177 \cdot 2^{1093414} + 1$	329155	L3158	13	
4192	$7631 \cdot 2^{1093397} + 1$	329150	L3262	13	
4193	$705 \cdot 2^{1093359} + 1$	329137	L2532	11	
4194	$1723 \cdot 2^{1093224} + 1$	329097	L1129	13	
4195	$7557 \cdot 2^{1093187} + 1$	329086	L3262	13	
4196	$4069 \cdot 2^{1093101} - 1$	329060	L1959	12	
4197	$449 \cdot 2^{1093035} + 1$	329039	L2085	11	
4198	$2189 \cdot 2^{1092955} + 1$	329016	L1741	13	
4199	$6837 \cdot 2^{1092534} + 1$	328890	L3141	13	
4200	$6343 \cdot 2^{1092376} + 1$	328842	L1741	13	
4201	$8591 \cdot 2^{1092369} + 1$	328840	L1741	13	
4202	$3335 \cdot 2^{1092369} + 1$	328840	L2633	13	

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4203	$253 \cdot 2^{1092256} + 1$	328805	L1446	11	
4204	$2279 \cdot 2^{1092228} - 1$	328797	L2484	13	
4205	$3799 \cdot 2^{1092202} + 1$	328790	L2085	13	
4206	$503 \cdot 2^{1092022} - 1$	328735	L1816	12	
4207	$1335 \cdot 2^{1092015} - 1$	328733	L1828	11	
4208	$8835 \cdot 2^{1092002} + 1$	328730	L3430	13	
4209	$4687 \cdot 2^{1091954} + 1$	328715	L1888	13	
4210	$9461 \cdot 2^{1091939} + 1$	328711	L3262	13	
4211	$6823 \cdot 2^{1091800} + 1$	328669	L3277	13	
4212	$9429 \cdot 2^{1091705} + 1$	328640	L3538	13	
4213	$9701 \cdot 2^{1091647} + 1$	328623	L2131	13	
4214	$4349 \cdot 2^{1091639} + 1$	328620	L3372	13	
4215	$6103 \cdot 2^{1091626} + 1$	328616	L2520	13	
4216	$651 \cdot 2^{1091613} - 1$	328612	L1815	12	
4217	$1661 \cdot 2^{1091597} + 1$	328607	L3262	13	
4218	$7337 \cdot 2^{1091487} + 1$	328575	L3141	13	
4219	$9557 \cdot 2^{1091427} + 1$	328557	L3262	13	
4220	$383 \cdot 2^{1091332} - 1$	328527	L2235	13	
4221	$9123 \cdot 2^{1091212} + 1$	328492	L3262	13	
4222	$1173 \cdot 2^{1091159} - 1$	328475	L1828	11	
4223	$2681 \cdot 2^{1091127} + 1$	328466	L1531	13	
4224	$1077 \cdot 2^{1091113} - 1$	328461	L1828	11	
4225	$6463 \cdot 2^{1091010} + 1$	328431	L2626	13	
4226	$6225 \cdot 2^{1091001} + 1$	328428	L3510	13	
4227	$711 \cdot 2^{1090974} - 1$	328419	L1817	12	
4228	$2913 \cdot 2^{1090941} + 1$	328410	L3453	13	
4229	$813 \cdot 2^{1090874} + 1$	328389	L1176	11	
4230	$1353 \cdot 2^{1090870} + 1$	328388	L3430	13	
4231	$2365 \cdot 2^{1090514} + 1$	328281	L3262	13	
4232	$8459 \cdot 2^{1090379} + 1$	328241	L3246	13	
4233	$1941 \cdot 2^{1090373} + 1$	328239	L1204	13	
4234	$2145 \cdot 2^{1090281} - 1$	328211	L1862	11	
4235	$8171 \cdot 2^{1090225} + 1$	328195	L3262	13	
4236	$5503 \cdot 2^{1090106} + 1$	328159	L3035	13	
4237	$128 \cdot 318^{131133} - 1$	328153	L3610	13	
4238	$9885 \cdot 2^{1089932} + 1$	328107	L3262	13	
4239	$861 \cdot 2^{1089919} - 1$	328102	L1815	12	
4240	$9751 \cdot 2^{1089905} - 1$	328099	L2338	13	
4241	$5165 \cdot 2^{1089637} + 1$	328018	L1752	13	
4242	$475 \cdot 2^{1089627} - 1$	328014	L1816	12	
4243	$1905 \cdot 2^{1089609} + 1$	328009	L2085	13	
4244	$8125 \cdot 2^{1089580} + 1$	328001	L2322	13	
4245	$853 \cdot 2^{1089560} + 1$	327994	L2719	11	
4246	$7385 \cdot 2^{1089539} + 1$	327988	L2826	13	
4247	$1595 \cdot 2^{1089497} + 1$	327975	L3453	13	
4248	$9783 \cdot 2^{1089420} + 1$	327953	L2890	13	
4249	$811 \cdot 2^{1089349} - 1$	327930	L1817	12	
4250	$1353 \cdot 2^{1089304} + 1$	327917	L3438	13	
4251	$675 \cdot 2^{1089273} - 1$	327907	L2257	12	
4252	$7315 \cdot 2^{1089268} + 1$	327907	L2719	13	

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4253	$87 \cdot 2^{1089098} - 1$	327854	L121	10	
4254	$3991 \cdot 2^{1089064} + 1$	327845	L3171	13	
4255	$5785 \cdot 2^{1089018} + 1$	327831	L1741	13	
4256	$829 \cdot 2^{1088963} - 1$	327814	L1817	12	
4257	$4163 \cdot 2^{1088845} + 1$	327779	L2826	13	
4258	$2835 \cdot 2^{1088812} - 1$	327769	L1959	12	
4259	$3001 \cdot 2^{1088788} + 1$	327762	L3463	13	
4260	$5043 \cdot 2^{1088729} + 1$	327744	L2626	13	
4261	$9723 \cdot 2^{1088722} + 1$	327742	L3035	13	
4262	$4377 \cdot 2^{1088683} + 1$	327730	L1792	13	
4263	$3369 \cdot 2^{1088630} + 1$	327714	L3141	13	
4264	$4749 \cdot 2^{1088625} + 1$	327713	L1792	13	
4265	$1199 \cdot 2^{1088471} + 1$	327666	L2675	11	
4266	$5857 \cdot 2^{1088386} + 1$	327641	L2626	13	
4267	$693 \cdot 2^{1088280} - 1$	327608	L1817	12	
4268	$9199 \cdot 2^{1088174} + 1$	327577	L3262	13	
4269	$5233 \cdot 2^{1088116} + 1$	327560	L1167	13	
4270	$5835 \cdot 2^{1088057} + 1$	327542	L3317	13	
4271	$43 \cdot 2^{1087992} + 1$	327520	g279	06	
4272	$7921 \cdot 2^{1087884} + 1$	327490	L2520	13	Generalized Fermat
4273	$1299 \cdot 2^{1087823} + 1$	327471	L3309	13	
4274	$8427 \cdot 2^{1087699} + 1$	327434	L3262	13	
4275	$6267 \cdot 2^{1087651} + 1$	327420	L3035	13	
4276	$5929 \cdot 2^{1087546} + 1$	327388	L2675	13	Generalized Fermat
4277	$7393 \cdot 2^{1087518} + 1$	327380	L3262	13	
4278	$8143 \cdot 2^{1087452} + 1$	327360	L3262	13	
4279	$2061 \cdot 2^{1087375} - 1$	327336	L2338	13	
4280	$2797 \cdot 2^{1087354} + 1$	327330	L3460	13	
4281	$9105 \cdot 2^{1087306} + 1$	327316	L3262	13	
4282	$4143 \cdot 2^{1087276} + 1$	327307	L2719	13	
4283	$93 \cdot 2^{1087202} + 1$	327283	L669	10	Divides $GF(1087199, 12)$
4284	$1309 \cdot 2^{1087166} + 1$	327273	L2627	13	
4285	$8463 \cdot 2^{1087150} + 1$	327269	L3526	13	
4286	$5601 \cdot 2^{1087020} + 1$	327230	L2873	13	
4287	$3577 \cdot 2^{1087018} + 1$	327229	L3462	13	
4288	$6567 \cdot 2^{1086947} + 1$	327208	L3248	13	
4289	$6285 \cdot 2^{1086895} + 1$	327192	L1741	13	
4290	$170446 \cdot 5^{468081} - 1$	327180	p280	10	
4291	$4425 \cdot 2^{1086810} + 1$	327167	L2826	13	
4292	$1649 \cdot 2^{1086807} + 1$	327165	L3262	13	
4293	$705 \cdot 2^{1086798} + 1$	327162	L2085	11	
4294	$8587 \cdot 2^{1086780} + 1$	327158	L3524	13	
4295	$6867 \cdot 2^{1086772} + 1$	327155	L3262	13	
4296	$4029 \cdot 2^{1086759} - 1$	327151	L1959	12	
4297	$7663 \cdot 2^{1086754} + 1$	327150	L3262	13	
4298	$7721 \cdot 2^{1086727} + 1$	327142	L3518	13	
4299	$7263 \cdot 2^{1086712} + 1$	327137	L3262	13	
4300	$8677 \cdot 2^{1086634} + 1$	327114	L3262	13	
4301	$7573 \cdot 2^{1086634} + 1$	327114	L3257	13	
4302	$9687 \cdot 2^{1086602} + 1$	327104	L3262	13	

rank	description	digits	who	year	comment
4303	$4831 \cdot 2^{1086532} + 1$	327083	L3262	13	
4304	$9367 \cdot 2^{1086432} + 1$	327053	L3262	13	
4305	$4317 \cdot 2^{1086375} + 1$	327036	L3262	13	
4306	$6183 \cdot 2^{1086354} + 1$	327029	L3262	13	
4307	$6507 \cdot 2^{1086328} + 1$	327022	L1780	13	
4308	$7483 \cdot 2^{1086238} + 1$	326995	L1792	13	
4309	$7481 \cdot 2^{1086127} + 1$	326961	L2826	13	
4310	$5535 \cdot 2^{1086103} - 1$	326954	L3413	13	
4311	$253 \cdot 2^{1086068} + 1$	326942	L1446	11	
4312	$45 \cdot 2^{1086062} + 1$	326939	L669	09	
4313	$975 \cdot 2^{1085931} - 1$	326901	L2257	12	
4314	$1603 \cdot 2^{1085886} + 1$	326888	L334	13	
4315	$2355 \cdot 2^{1085853} - 1$	326878	L1959	12	
4316	$7179 \cdot 2^{1085813} + 1$	326867	L3262	13	
4317	$4677 \cdot 2^{1085752} + 1$	326848	L2826	13	
4318	$6321 \cdot 2^{1085617} + 1$	326808	L1741	13	
4319	$1147 \cdot 2^{1085617} - 1$	326807	L1828	11	
4320	$9291 \cdot 2^{1085585} + 1$	326798	L3533	13	
4321	$4129 \cdot 2^{1085567} - 1$	326792	L1959	12	
4322	$967 \cdot 2^{1085534} + 1$	326782	L2561	11	
4323	$7887 \cdot 2^{1085443} + 1$	326755	L3262	13	
4324	$2793 \cdot 2^{1085305} + 1$	326713	L3262	13	
4325	$1593 \cdot 2^{1085125} + 1$	326659	L3262	13	
4326	$157 \cdot 2^{1085121} - 1$	326657	L1959	11	
4327	$4789 \cdot 2^{1085074} + 1$	326644	L1675	13	
4328	$4417 \cdot 2^{1084978} + 1$	326615	L3333	13	
4329	$629 \cdot 2^{1084915} + 1$	326595	L1223	11	
4330	$5877 \cdot 2^{1084903} + 1$	326593	L2626	13	
4331	$2965 \cdot 2^{1084738} + 1$	326543	L2167	13	
4332	$3015 \cdot 2^{1084660} + 1$	326519	L3097	13	
4333	$3481 \cdot 2^{1084608} + 1$	326504	L3452	13	Generalized Fermat
4334	$4965 \cdot 2^{1084539} + 1$	326483	L2085	13	
4335	$823 \cdot 2^{1084526} + 1$	326478	L1344	11	
4336	$412717 \cdot 2^{1084409} - 1$	326446	L76	04	
4337	$9741 \cdot 2^{1084385} + 1$	326437	L3171	13	
4338	$8635 \cdot 2^{1084378} + 1$	326435	L2137	13	
4339	$2923 \cdot 2^{1084186} + 1$	326376	L2051	13	
4340	$1029 \cdot 2^{1084139} + 1$	326362	L2085	11	
4341	$4501 \cdot 2^{1084076} + 1$	326344	L1230	13	
4342	$733 \cdot 2^{1084014} + 1$	326324	L2718	11	
4343	$15 \cdot 2^{1084010} - 1$	326321	L139	06	
4344	$6957 \cdot 2^{1083988} + 1$	326317	L1842	13	
4345	$3741 \cdot 2^{1083903} + 1$	326291	L1456	13	
4346	$1919 \cdot 2^{1083893} + 1$	326288	L2626	13	
4347	$2985 \cdot 2^{1083810} - 1$	326263	L1959	12	
4348	$2719 \cdot 2^{1083762} + 1$	326249	L3440	13	
4349	$5979 \cdot 2^{1083459} + 1$	326158	L3035	13	
4350	$1187 \cdot 2^{1083320} - 1$	326115	L1828	11	
4351	$7557 \cdot 2^{1083214} + 1$	326084	L2626	13	
4352	$5535 \cdot 2^{1083148} + 1$	326064	L2826	13	



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4353	$6555 \cdot 2^{1083091} - 1$	326047	L2074	13	
4354	$1563 \cdot 2^{1083076} + 1$	326042	L1935	13	
4355	$6175 \cdot 2^{1083062} + 1$	326038	L2636	13	
4356	$1645 \cdot 2^{1083024} + 1$	326026	L3260	13	
4357	$8931 \cdot 2^{1082963} + 1$	326009	L2826	13	
4358	$3455 \cdot 2^{1082941} + 1$	326002	L1546	13	
4359	$1155 \cdot 2^{1082878} - 1$	325982	L1828	11	
4360	$8389 \cdot 2^{1082874} + 1$	325982	L3317	13	
4361	$3937 \cdot 2^{1082874} + 1$	325982	L1450	13	
4362	$1095 \cdot 2^{1082841} + 1$	325971	L1415	11	
4363	$2223 \cdot 2^{1082752} + 1$	325945	L3237	13	
4364	$2103 \cdot 2^{1082742} + 1$	325942	L1753	13	
4365	$1311 \cdot 2^{1082631} + 1$	325908	L2241	13	
4366	$5799 \cdot 2^{1082493} + 1$	325867	L1935	13	
4367	$8315 \cdot 2^{1082333} + 1$	325819	L2626	13	
4368	$9821 \cdot 2^{1082325} + 1$	325817	L1741	13	
4369	$4467 \cdot 2^{1082308} + 1$	325811	L1204	13	
4370	$179 \cdot 2^{1082249} + 1$	325792	L1446	10	
4371	$1803 \cdot 2^{1082232} + 1$	325788	L3186	13	
4372	$867 \cdot 2^{1082206} - 1$	325780	L1817	12	
4373	$5525 \cdot 2^{1082135} + 1$	325759	L1595	13	
4374	$2625 \cdot 2^{1082117} + 1$	325754	L3457	13	
4375	$849 \cdot 2^{1081951} - 1$	325703	L1817	12	
4376	$6779 \cdot 2^{1081919} + 1$	325694	L1129	13	
4377	$2381 \cdot 2^{1081883} + 1$	325683	L2736	13	
4378	$1625 \cdot 2^{1081871} + 1$	325679	L1741	13	
4379	$7179 \cdot 2^{1081815} + 1$	325663	L1792	13	
4380	$2981 \cdot 2^{1081787} + 1$	325654	L3262	13	
4381	$1695 \cdot 2^{1081670} + 1$	325619	L527	12	
4382	$1659 \cdot 2^{1081626} + 1$	325606	L1204	13	
4383	$519 \cdot 2^{1081499} + 1$	325567	L1741	11	
4384	$5125 \cdot 2^{1081264} + 1$	325497	L1885	13	
4385	$5635 \cdot 2^{1081206} + 1$	325480	L1576	13	
4386	$4853 \cdot 2^{1081141} + 1$	325460	L1158	13	
4387	$7753 \cdot 2^{1081080} + 1$	325442	L1293	13	
4388	$104 \cdot 10^{325436} - 1$	325439	L1958	13	
4389	$7199 \cdot 2^{1081047} + 1$	325432	L1595	13	
4390	$9765 \cdot 2^{1081005} + 1$	325419	L3110	13	
4391	$3669 \cdot 2^{1080930} + 1$	325396	L1167	13	
4392	$9751 \cdot 2^{1080859} - 1$	325375	L2338	13	
4393	$675 \cdot 2^{1080859} - 1$	325374	L2257	12	
4394	$2545 \cdot 2^{1080852} + 1$	325373	L3440	13	
4395	$7259 \cdot 2^{1080785} + 1$	325353	L3180	13	
4396	$2745 \cdot 2^{1080710} - 1$	325330	L2074	11	
4397	$5355 \cdot 2^{1080645} - 1$	325311	L3202	12	
4398	$4781 \cdot 2^{1080617} + 1$	325302	L1727	13	
4399	$9435 \cdot 2^{1080607} + 1$	325300	L3540	13	
4400	$5445 \cdot 2^{1080331} - 1$	325216	L3202	12	
4401	$9433 \cdot 2^{1080240} + 1$	325189	L1741	13	
4402	$6555 \cdot 2^{1080139} - 1$	325159	L3202	12	

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4403	$4027 \cdot 2^{1080120} + 1$	325153	L3261	13	
4404	$3411 \cdot 2^{1080040} + 1$	325128	L2322	13	
4405	$1837 \cdot 2^{1079976} + 1$	325109	L2085	13	
4406	$3637 \cdot 2^{1079901} - 1$	325087	L2377	13	
4407	$4405 \cdot 2^{1079688} + 1$	325023	L1204	13	
4408	$5361 \cdot 2^{1079687} + 1$	325022	L2549	13	
4409	$843 \cdot 2^{1079652} + 1$	325011	L2683	11	
4410	$7331 \cdot 2^{1079615} + 1$	325001	L3171	13	
4411	$1886 \cdot 67^{177962} - 1$	324976	p289	12	
4412	$4079 \cdot 2^{1079512} - 1$	324970	L1959	12	
4413	$4025 \cdot 2^{1079462} - 1$	324955	L1959	12	
4414	$569 \cdot 2^{1079392} - 1$	324933	L2255	11	
4415	$5317 \cdot 2^{1079376} + 1$	324929	L1312	13	
4416	$7297 \cdot 2^{1079294} + 1$	324904	L3141	13	
4417	$1085 \cdot 2^{1079261} + 1$	324893	L1415	11	
4418	$4941 \cdot 2^{1079141} + 1$	324858	L1204	13	
4419	$7377 \cdot 2^{1079099} + 1$	324846	L2809	13	
4420	$3165 \cdot 2^{1079086} + 1$	324841	L3453	13	
4421	$7097 \cdot 2^{1078991} + 1$	324813	L3262	13	
4422	$2127 \cdot 2^{1078970} - 1$	324806	L840	13	
4423	$2571 \cdot 2^{1078953} + 1$	324801	L1300	13	
4424	$74476 \cdot 151^{149055} + 1$	324793	p365	13	
4425	$933 \cdot 2^{1078926} - 1$	324793	L2257	12	
4426	$4647 \cdot 2^{1078904} + 1$	324787	L1300	13	
4427	$1245 \cdot 2^{1078901} - 1$	324785	L1828	11	
4428	$5675 \cdot 2^{1078801} + 1$	324756	L3035	13	
4429	$957 \cdot 2^{1078712} - 1$	324728	L1817	12	
4430	$8743 \cdot 2^{1078474} + 1$	324657	L3141	13	
4431	$6559 \cdot 2^{1078466} + 1$	324655	L2520	13	
4432	$571 \cdot 2^{1078408} + 1$	324636	L1415	11	
4433	$3693 \cdot 2^{1078336} + 1$	324616	L3262	13	
4434	$411 \cdot 2^{1078339} + 1$	324615	L1204	11	
4435	$5037 \cdot 2^{1078314} + 1$	324609	L1158	13	
4436	$3985 \cdot 2^{1078200} + 1$	324575	L3262	13	
4437	$5205 \cdot 2^{1078176} + 1$	324568	L2494	13	
4438	$99 \cdot 2^{1078165} + 1$	324563	L669	10	
4439	$2741 \cdot 2^{1078093} + 1$	324542	L3305	13	
4440	$8437 \cdot 2^{1078060} + 1$	324533	L3154	13	
4441	$2963 \cdot 2^{1078029} + 1$	324523	L1406	13	
4442	$3471 \cdot 2^{1078009} + 1$	324517	L3035	13	
4443	$653 \cdot 2^{1077990} - 1$	324511	L1815	12	
4444	$7773 \cdot 2^{1077885} + 1$	324480	L2792	13	
4445	$8289 \cdot 2^{1077769} + 1$	324445	L3502	13	
4446	$103 \cdot 2^{1077739} - 1$	324434	L621	09	
4447	$435 \cdot 2^{1077677} - 1$	324416	L2519	11	
4448	$747 \cdot 2^{1077654} + 1$	324410	L1412	11	
4449	$4743 \cdot 2^{1077586} + 1$	324390	L1204	13	
4450	$1925 \cdot 2^{1077545} + 1$	324377	L2085	13	
4451	$7729 \cdot 2^{1077522} + 1$	324371	L1158	13	
4452	$447 \cdot 2^{1077379} + 1$	324327	L2522	11	

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4453	$2175 \cdot 2^{1077285} - 1$	324299	L1862	11	
4454	$9687 \cdot 2^{1077281} - 1$	324298	L2338	13	
4455	$6839 \cdot 2^{1077265} + 1$	324293	L1158	13	
4456	$88 \cdot 444^{122491} + 1$	324283	p355	12	
4457	$4085 \cdot 2^{1077165} + 1$	324263	L3049	13	
4458	$4053 \cdot 2^{1077084} - 1$	324239	L1959	12	
4459	$429 \cdot 2^{1076923} + 1$	324189	L1344	11	
4460	$9925 \cdot 2^{1076860} + 1$	324172	L2117	13	
4461	$9721 \cdot 2^{1076800} + 1$	324154	L3262	13	
4462	$3795 \cdot 2^{1076800} + 1$	324153	L1823	13	
4463	$5919 \cdot 2^{1076743} + 1$	324136	L2719	13	
4464	$1605 \cdot 2^{1076736} + 1$	324134	L1741	13	
4465	$5447 \cdot 2^{1076683} + 1$	324118	L1741	13	
4466	$4797 \cdot 2^{1076584} + 1$	324088	L1158	13	
4467	$8067 \cdot 2^{1076571} + 1$	324085	L2241	13	
4468	$4731 \cdot 2^{1076503} + 1$	324064	L3502	13	
4469	$4003 \cdot 2^{1076499} - 1$	324063	L1959	12	
4470	$2487 \cdot 2^{1076486} + 1$	324058	L1209	13	
4471	$273 \cdot 2^{1076470} + 1$	324053	L1446	11	
4472	$8249 \cdot 2^{1076453} + 1$	324049	L2626	13	
4473	$150847 \cdot 2^{1076441} - 1$	324047	L73	04	
4474	$5143 \cdot 2^{1076410} + 1$	324036	L2912	13	
4475	$3927 \cdot 2^{1076340} + 1$	324015	L2873	13	
4476	$2175 \cdot 2^{1076289} - 1$	323999	L1862	11	
4477	$2115 \cdot 2^{1076222} + 1$	323979	L3461	13	
4478	$3033 \cdot 2^{1076168} + 1$	323963	L3490	13	
4479	$1829 \cdot 2^{1076155} + 1$	323959	L3278	13	
4480	$983 \cdot 2^{1076124} - 1$	323949	L1815	12	
4481	$8045 \cdot 2^{1076077} + 1$	323936	L3262	13	
4482	$1135 \cdot 2^{1076065} - 1$	323931	L1828	11	
4483	$6413 \cdot 2^{1076061} + 1$	323931	L2649	13	
4484	$247 \cdot 2^{1076024} + 1$	323918	L1446	11	
4485	$725 \cdot 2^{1076001} + 1$	323912	L2702	11	
4486	$2259 \cdot 2^{1075969} - 1$	323903	L840	13	
4487	$3237 \cdot 2^{1075916} + 1$	323887	L3453	13	
4488	$5139 \cdot 2^{1075909} + 1$	323885	L1204	13	
4489	$7391 \cdot 2^{1075885} + 1$	323878	L1595	13	
4490	$8965 \cdot 2^{1075878} + 1$	323876	L1125	13	
4491	$7537 \cdot 2^{1075872} + 1$	323874	L3262	13	
4492	$6351 \cdot 2^{1075824} + 1$	323860	L1741	13	
4493	$2487 \cdot 2^{1075818} + 1$	323857	L3303	13	
4494	$1425 \cdot 2^{1075803} - 1$	323853	L1134	12	
4495	$7443 \cdot 2^{1075782} + 1$	323847	L2241	13	
4496	$4393 \cdot 2^{1075732} + 1$	323832	L1675	13	
4497	$1935 \cdot 2^{1075725} + 1$	323829	L1741	13	
4498	$55 \cdot 2^{1075711} - 1$	323824	L545	08	
4499	$1851 \cdot 2^{1075580} + 1$	323786	L1158	13	
4500	$1299 \cdot 2^{1075497} - 1$	323760	L1828	11	
4501	$8425 \cdot 2^{1075436} + 1$	323743	L3527	13	
4502	$5041 \cdot 2^{1075396} + 1$	323731	L1204	13	Generalized Fermat

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4503	$423 \cdot 2^{1075392} + 1$	323728	L2085	11	
4504	$5535 \cdot 2^{1075372} + 1$	323723	L1204	13	
4505	$793 \cdot 2^{1075356} + 1$	323718	L2673	11	
4506	$5679 \cdot 2^{1075342} + 1$	323714	L2375	13	
4507	$9345 \cdot 2^{1075332} + 1$	323712	L3262	13	
4508	$3455 \cdot 2^{1075303} + 1$	323702	L3262	13	
4509	$4421 \cdot 2^{1075133} + 1$	323651	L3175	13	
4510	$73 \cdot 2^{1075107} - 1$	323642	L1884	10	
4511	$5853 \cdot 2^{1075060} + 1$	323630	L1129	13	
4512	$9899 \cdot 2^{1075039} + 1$	323623	L3173	13	
4513	$569 \cdot 2^{1075029} + 1$	323619	L1360	11	
4514	$1143 \cdot 2^{1074982} + 1$	323605	L1204	11	
4515	$9119 \cdot 2^{1074927} + 1$	323590	L1130	13	
4516	$1381 \cdot 2^{1074877} - 1$	323574	L1828	11	
4517	$8809 \cdot 2^{1074870} + 1$	323573	L1158	13	
4518	$1409 \cdot 2^{1074821} + 1$	323557	L2826	13	
4519	$5067 \cdot 2^{1074703} + 1$	323522	L1158	13	
4520	$2925 \cdot 2^{1074630} - 1$	323500	L1959	11	
4521	$6279 \cdot 2^{1074514} + 1$	323465	L2826	13	
4522	$1131 \cdot 2^{1074435} + 1$	323441	L2744	11	
4523	$8335 \cdot 2^{1074364} + 1$	323420	L1158	13	
4524	$4059 \cdot 2^{1074353} + 1$	323417	L3505	13	
4525	$4601 \cdot 2^{1074154} - 1$	323357	L860	12	
4526	$7585 \cdot 2^{1074148} + 1$	323355	L1158	13	
4527	$9239 \cdot 2^{1074133} + 1$	323351	L2520	13	
4528	$603 \cdot 2^{1074059} - 1$	323327	L3051	12	
4529	$2105 \cdot 2^{1073935} + 1$	323290	L3443	13	
4530	$2475 \cdot 2^{1073681} + 1$	323214	L1741	13	
4531	$2605 \cdot 2^{1073544} + 1$	323173	L3285	13	
4532	$717 \cdot 2^{1073495} + 1$	323158	L2659	11	
4533	$2723 \cdot 2^{1073369} + 1$	323120	L3448	13	
4534	$3573 \cdot 2^{1073334} + 1$	323110	L2736	13	
4535	$1421 \cdot 2^{1073331} + 1$	323108	L1204	13	
4536	$4993 \cdot 2^{1073306} + 1$	323101	L2826	13	
4537	$1219 \cdot 2^{1073250} + 1$	323084	L2826	13	
4538	$4267 \cdot 2^{1073122} + 1$	323046	L3035	13	
4539	$9475 \cdot 2^{1073112} + 1$	323043	L3181	13	
4540	$7687 \cdot 2^{1073038} + 1$	323021	L1203	13	
4541	$7227 \cdot 2^{1072928} + 1$	322988	L3514	13	
4542	$961 \cdot 2^{1072768} + 1$	322939	L2413	11	Generalized Fermat
4543	$2283 \cdot 2^{1072710} + 1$	322922	L2594	13	
4544	$7207 \cdot 2^{1072658} + 1$	322907	L1792	13	
4545	$7035 \cdot 2^{1072638} + 1$	322901	L3262	13	
4546	$1545 \cdot 2^{1072569} + 1$	322879	L3294	13	
4547	$5949 \cdot 2^{1072505} + 1$	322860	L1300	13	
4548	$2573 \cdot 2^{1072457} + 1$	322846	L3110	13	
4549	$1019 \cdot 2^{1072448} - 1$	322843	L121	10	
4550	$6549 \cdot 2^{1072439} + 1$	322841	L2327	13	
4551	$239 \cdot 2^{1072433} + 1$	322837	L1446	11	
4552	$8769 \cdot 2^{1072422} + 1$	322836	L3260	13	

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4553	$4293 \cdot 2^{1072380} + 1$	322823	L3500	13	
4554	$85 \cdot 2^{1072368} + 1$	322817	g267	06	
4555	$4113 \cdot 2^{1072334} + 1$	322809	L3154	13	
4556	$7127 \cdot 2^{1072303} + 1$	322800	L3141	13	
4557	$6151 \cdot 2^{1072300} + 1$	322799	L1379	13	
4558	$1307 \cdot 2^{1072286} - 1$	322794	L1828	11	
4559	$323 \cdot 2^{1072285} + 1$	322793	L1204	11	
4560	$2357 \cdot 2^{1072266} - 1$	322788	L3489	13	
4561	$96994 \cdot 5^{461748} + 1$	322753	p280	10	
4562	$3995 \cdot 2^{1072077} + 1$	322731	L3285	13	
4563	$1371 \cdot 2^{1072027} + 1$	322716	L3417	13	
4564	$2427 \cdot 2^{1071943} + 1$	322691	L1300	13	
4565	$1609 \cdot 2^{1071938} + 1$	322689	L3418	13	
4566	$9101 \cdot 2^{1071917} + 1$	322684	L3262	13	
4567	$2405 \cdot 2^{1071759} + 1$	322635	L3449	13	
4568	$1357 \cdot 2^{1071729} - 1$	322626	L1828	11	
4569	$3843 \cdot 2^{1071678} + 1$	322611	L2684	13	
4570	$3469 \cdot 2^{1071678} + 1$	322611	L1546	13	
4571	$3537 \cdot 2^{1071632} + 1$	322597	L2113	13	
4572	$5045 \cdot 2^{1071573} + 1$	322580	L1741	13	
4573	$1335 \cdot 2^{1071490} - 1$	322554	L1828	11	
4574	$1307 \cdot 2^{1071483} + 1$	322552	L1204	13	
4575	$1755 \cdot 2^{1071441} + 1$	322540	L1125	13	
4576	$5549 \cdot 2^{1071435} + 1$	322538	L2131	13	
4577	$7683 \cdot 2^{1071396} + 1$	322527	L3385	13	
4578	$7841 \cdot 2^{1071393} + 1$	322526	L1158	13	
4579	$209826493 \cdot 2^{1071303} - 1$	322503	L10	04	
4580	$5709 \cdot 2^{1071286} + 1$	322493	L1595	13	
4581	$669 \cdot 2^{1071272} - 1$	322488	L1817	12	
4582	$4929 \cdot 2^{1071249} + 1$	322482	L3141	13	
4583	$6927 \cdot 2^{1071206} + 1$	322469	L2327	13	
4584	$6405 \cdot 2^{1071048} + 1$	322422	L1204	13	
4585	$6441 \cdot 2^{1071011} + 1$	322411	L2322	13	
4586	$5713 \cdot 2^{1070998} + 1$	322407	L2809	13	
4587	$9009 \cdot 2^{1070975} + 1$	322400	L1846	13	
4588	$2871 \cdot 2^{1070971} + 1$	322398	L2564	13	
4589	$9009 \cdot 2^{1070957} + 1$	322395	L1741	13	
4590	$261448 \cdot 5^{461217} - 1$	322383	p280	10	
4591	$5535 \cdot 2^{1070892} - 1$	322375	L3202	12	
4592	$2077 \cdot 2^{1070806} + 1$	322349	L3446	13	
4593	$4335 \cdot 2^{1070768} + 1$	322337	L1204	13	
4594	$8937 \cdot 2^{1070755} + 1$	322334	L2826	13	
4595	$1335 \cdot 2^{1070581} - 1$	322281	L1828	11	
4596	$421 \cdot 2^{1070460} + 1$	322244	L2890	11	
4597	$503 \cdot 2^{1070448} - 1$	322240	L2257	11	
4598	$63 \cdot 2^{1070449} + 1$	322240	L669	09	
4599	$5705 \cdot 2^{1070373} + 1$	322219	L3049	13	
4600	$4439 \cdot 2^{1070327} + 1$	322205	L1741	13	
4601	$8799 \cdot 2^{1070271} + 1$	322188	L3430	13	
4602	$107 \cdot 2^{1070256} - 1$	322182	L621	08	

rank	description	digits	who	year	comment
4603	$6789 \cdot 2^{1070213} + 1$	322171	L2241	13	
4604	$7809 \cdot 2^{1070211} + 1$	322170	L1741	13	
4605	$635 \cdot 2^{1070166} - 1$	322155	L2257	12	
4606	$1479 \cdot 2^{1070095} + 1$	322134	L1130	13	
4607	$3067 \cdot 2^{1070060} + 1$	322124	L2964	13	
4608	$6493 \cdot 2^{1070050} + 1$	322121	L3430	13	
4609	$2197 \cdot 2^{1070020} + 1$	322112	L3171	13	
4610	$381 \cdot 2^{1070022} - 1$	322112	L1819	13	
4611	$3961 \cdot 2^{1069988} + 1$	322103	L3455	13	
4612	$3729 \cdot 2^{1069978} + 1$	322100	L3261	13	
4613	$250216 \cdot 5^{460797} - 1$	322089	p284	10	
4614	$643 \cdot 2^{1069859} - 1$	322063	L1815	12	
4615	$9405 \cdot 2^{1069840} + 1$	322058	L3257	13	
4616	$9105 \cdot 2^{1069716} + 1$	322021	L3378	13	
4617	$7081 \cdot 2^{1069684} + 1$	322011	L3262	13	
4618	$2203 \cdot 2^{1069647} - 1$	322000	L123	06	
4619	$1555 \cdot 2^{1069612} + 1$	321989	L3144	13	
4620	$1347 \cdot 2^{1069594} - 1$	321984	L1828	11	
4621	$2577 \cdot 2^{1069563} + 1$	321974	L3440	13	
4622	$8909 \cdot 2^{1069459} + 1$	321944	L1422	13	
4623	$6577 \cdot 2^{1069414} + 1$	321930	L1158	13	
4624	$7497 \cdot 2^{1069324} + 1$	321903	L3141	13	
4625	$5167 \cdot 2^{1069278} + 1$	321889	L2520	13	
4626	$7445 \cdot 2^{1069255} + 1$	321882	L2626	13	
4627	$8811 \cdot 2^{1068973} + 1$	321797	L2826	13	
4628	$8403 \cdot 2^{1068965} + 1$	321795	L2413	13	
4629	$6247 \cdot 2^{1068962} + 1$	321794	L1512	13	
4630	$7929 \cdot 2^{1068955} + 1$	321792	L3262	13	
4631	$6105 \cdot 2^{1068937} + 1$	321786	L2375	13	
4632	$6555 \cdot 2^{1068902} - 1$	321776	L3202	12	
4633	$6149 \cdot 2^{1068873} + 1$	321767	L2826	13	
4634	$2409 \cdot 2^{1068843} + 1$	321758	L2964	13	
4635	$9537 \cdot 2^{1068827} + 1$	321753	L2661	13	
4636	$2097 \cdot 2^{1068435} + 1$	321635	L1552	13	
4637	$1023 \cdot 2^{1068402} + 1$	321625	L1745	11	
4638	$333 \cdot 2^{1068320} + 1$	321599	L1547	11	
4639	$2595 \cdot 2^{1068286} + 1$	321590	L2618	13	
4640	$9045 \cdot 2^{1068193} + 1$	321563	L3524	13	
4641	$4045 \cdot 2^{1068031} - 1$	321513	L1959	12	
4642	$1099 \cdot 2^{1067926} + 1$	321481	L2419	11	
4643	$5469 \cdot 2^{1067845} + 1$	321458	L1158	13	
4644	$2637 \cdot 2^{1067791} + 1$	321441	L3309	13	
4645	$9555 \cdot 2^{1067755} + 1$	321431	L3262	13	
4646	$6551 \cdot 2^{1067687} + 1$	321410	L1300	13	
4647	$2015 \cdot 2^{1067647} + 1$	321398	L1990	13	
4648	$9667 \cdot 2^{1067378} + 1$	321317	L1422	13	
4649	$5217 \cdot 2^{1067323} + 1$	321300	L2070	13	
4650	$1365 \cdot 2^{1067007} - 1$	321205	L1828	11	
4651	$3251 \cdot 2^{1066959} + 1$	321191	L2919	13	
4652	$8287 \cdot 2^{1066796} + 1$	321142	L3262	13	

rank	description	digits	who	year	comment
4653	$375 \cdot 2^{1066662} - 1$	321100	L1830	13	
4654	$4533 \cdot 2^{1066560} + 1$	321071	L3257	13	
4655	$871 \cdot 2^{1066551} - 1$	321067	L565	12	
4656	$4701 \cdot 2^{1066492} + 1$	321050	L1158	13	
4657	$4141 \cdot 2^{1066404} + 1$	321024	L3497	13	
4658	$53 \cdot 2^{1066381} + 1$	321015	L669	09	
4659	$7353 \cdot 2^{1066344} + 1$	321006	L3262	13	
4660	$2153 \cdot 2^{1066233} + 1$	320972	L3442	13	
4661	$3667 \cdot 2^{1066232} + 1$	320972	L2636	13	
4662	$3755 \cdot 2^{1066227} + 1$	320970	L2873	13	
4663	$5427 \cdot 2^{1066144} + 1$	320946	L2327	13	
4664	$6641 \cdot 2^{1066119} + 1$	320938	L3262	13	
4665	$5607 \cdot 2^{1066079} + 1$	320926	L3501	13	
4666	$4119 \cdot 2^{1065957} - 1$	320889	L1959	12	
4667	$2399 \cdot 2^{1065889} + 1$	320868	L1469	13	
4668	$34 \cdot 1029^{106501} + 1$	320827	p315	11	
4669	$8673 \cdot 2^{1065744} + 1$	320825	L2520	13	
4670	$133 \cdot 2^{1065655} - 1$	320797	L632	08	
4671	$9101981 \cdot 2^{1065578} - 1$	320778	L1134	11	
4672	$5667 \cdot 2^{1065538} + 1$	320763	L2826	13	
4673	$8589 \cdot 2^{1065473} + 1$	320744	L1792	13	
4674	$635 \cdot 2^{1065463} + 1$	320740	L1513	11	
4675	$1105 \cdot 2^{1065418} + 1$	320726	L2538	11	
4676	$223 \cdot 2^{1065400} + 1$	320720	L1446	10	
4677	$5545 \cdot 2^{1065320} + 1$	320698	L1524	13	
4678	$6999 \cdot 2^{1065254} + 1$	320678	L2826	13	
4679	$1019 \cdot 2^{1065255} + 1$	320677	L1415	11	
4680	$175 \cdot 2^{1065181} - 1$	320654	L1959	11	
4681	$1873 \cdot 2^{1065130} + 1$	320640	L2085	13	
4682	$4011 \cdot 2^{1065055} - 1$	320618	L1959	12	
4683	$5415 \cdot 2^{1065049} + 1$	320616	L2549	13	
4684	$4697 \cdot 2^{1064875} + 1$	320563	L1753	13	
4685	$4123 \cdot 2^{1064770} + 1$	320532	L1204	13	
4686	$6163 \cdot 2^{1064676} + 1$	320504	L3035	13	
4687	$4137 \cdot 2^{1064622} + 1$	320487	L2859	13	
4688	$5409 \cdot 2^{1064619} + 1$	320486	L1204	13	
4689	$3669 \cdot 2^{1064593} + 1$	320478	L3454	13	
4690	$961 \cdot 2^{1064440} + 1$	320432	L1303	11	Generalized Fermat
4691	$6437 \cdot 2^{1064367} + 1$	320411	L3141	13	
4692	$4021 \cdot 2^{1064287} - 1$	320386	L1959	12	
4693	$1323 \cdot 2^{1064161} + 1$	320348	L3415	13	
4694	$9807 \cdot 2^{1064092} - 1$	320328	L2338	13	
4695	$257 \cdot 2^{1064062} - 1$	320317	L632	08	
4696	$1179 \cdot 2^{1064004} - 1$	320301	L1828	11	
4697	$7527 \cdot 2^{1063970} + 1$	320291	L3516	13	
4698	$473 \cdot 2^{1063908} - 1$	320271	L2255	11	
4699	$11441 \cdot 60^{180105} + 1$	320258	p268	12	
4700	$8475 \cdot 2^{1063852} + 1$	320256	L1792	13	
4701	$7845 \cdot 2^{1063807} + 1$	320242	L3262	13	
4702	$9813 \cdot 2^{1063792} + 1$	320238	L3246	13	

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4703	$9115 \cdot 2^{1063742} + 1$	320223	L3262	13	
4704	$4671 \cdot 2^{1063713} + 1$	320214	L1933	13	
4705	$1845 \cdot 2^{1063497} + 1$	320148	L1935	13	
4706	$6975 \cdot 2^{1063347} - 1$	320104	L2432	12	
4707	$549 \cdot 2^{1063317} - 1$	320094	L2255	11	
4708	$839 \cdot 2^{1063280} - 1$	320083	L1815	12	
4709	$5165 \cdot 2^{1063249} + 1$	320074	L3198	13	
4710	$9087 \cdot 2^{1063218} + 1$	320065	L3531	13	
4711	$2757 \cdot 2^{1063147} + 1$	320043	L1935	13	
4712	$1221 \cdot 2^{1063076} + 1$	320021	L1204	13	
4713	$4865 \cdot 2^{1063003} + 1$	320000	L1158	13	
4714	$5273 \cdot 2^{1063001} + 1$	319999	L1741	13	
4715	$523 \cdot 2^{1062947} - 1$	319982	L2257	11	
4716	$4875 \cdot 2^{1062936} + 1$	319980	L3462	13	
4717	$5863 \cdot 2^{1062908} + 1$	319971	L2085	13	
4718	$1127 \cdot 2^{1062804} - 1$	319939	L1828	11	
4719	$9389 \cdot 2^{1062779} + 1$	319933	L2583	13	
4720	$6081 \cdot 2^{1062705} + 1$	319910	L1204	13	
4721	$6 \cdot 10^{319889} - 1$	319890	p297	10	Near-repdigit
4722	$869 \cdot 2^{1062609} + 1$	319881	L2720	11	
4723	$8513 \cdot 2^{1062601} + 1$	319879	L3262	13	
4724	$1371 \cdot 2^{1062571} + 1$	319869	L3317	13	
4725	$2955 \cdot 2^{1062549} + 1$	319863	L3454	13	
4726	$7335 \cdot 2^{1062523} + 1$	319856	L2375	13	
4727	$2167 \cdot 2^{1062468} + 1$	319839	L3262	13	
4728	$559 \cdot 2^{1062454} + 1$	319834	L1223	11	
4729	$8323 \cdot 2^{1062442} + 1$	319831	L2322	13	
4730	$5709 \cdot 2^{1062441} + 1$	319831	L1741	13	
4731	$859 \cdot 2^{1062379} - 1$	319811	L1815	12	
4732	$3855 \cdot 2^{1062372} + 1$	319810	L3262	13	
4733	$4159 \cdot 2^{1062265} - 1$	319778	L1959	12	
4734	$8157 \cdot 2^{1062220} + 1$	319764	L3262	13	
4735	$8225 \cdot 2^{1062163} + 1$	319747	L1792	13	
4736	$5737 \cdot 2^{1062152} + 1$	319744	L2826	13	
4737	$8277 \cdot 2^{1061966} + 1$	319688	L1158	13	
4738	$1575 \cdot 2^{1061962} + 1$	319686	L2070	13	
4739	$1525 \cdot 2^{1061902} + 1$	319668	L1204	13	
4740	$171 \cdot 2^{1061853} + 1$	319652	L669	10	
4741	$5415 \cdot 2^{1061846} + 1$	319652	L1204	13	
4742	$1235 \cdot 2^{1061751} + 1$	319622	L1889	13	
4743	$1469 \cdot 2^{1061747} + 1$	319621	L1300	13	
4744	$5217 \cdot 2^{1061738} + 1$	319619	L3513	13	
4745	$54321 \cdot 2^{1061719} - 1$	319615	L637	12	
4746	$2043 \cdot 2^{1061700} - 1$	319607	L2074	13	
4747	$347 \cdot 2^{1061675} + 1$	319599	L2853	11	
4748	$1351 \cdot 2^{1061672} + 1$	319599	L1889	13	
4749	$675 \cdot 2^{1061510} - 1$	319550	L1815	12	
4750	$9777 \cdot 2^{1061506} + 1$	319550	L2073	13	
4751	$4633 \cdot 2^{1061186} + 1$	319453	L2549	13	
4752	$5289 \cdot 2^{1061117} + 1$	319432	L1224	13	



rank	description	digits	who	year	comment
4753	$6545 \cdot 2^{1061091} + 1$	319425	L2981	13	
4754	$6775 \cdot 2^{1061084} + 1$	319422	L1356	13	
4755	$5701 \cdot 2^{1061036} + 1$	319408	L1174	13	
4756	$2543 \cdot 2^{1060965} + 1$	319386	L3199	13	
4757	$945 \cdot 2^{1060963} - 1$	319385	L1816	12	
4758	$8649 \cdot 2^{1060803} + 1$	319338	L3249	13	
4759	$3915 \cdot 2^{1060657} + 1$	319294	L1204	13	
4760	$3875 \cdot 2^{1060619} + 1$	319282	L3451	13	
4761	$937 \cdot 2^{1060546} + 1$	319260	L1776	11	
4762	$6503 \cdot 2^{1060513} + 1$	319251	L3179	13	
4763	$6741 \cdot 2^{1060467} + 1$	319237	L1595	13	
4764	$5535 \cdot 2^{1060390} - 1$	319213	L2074	12	
4765	$9565 \cdot 2^{1060380} + 1$	319211	L3262	13	
4766	$5147 \cdot 2^{1060303} + 1$	319187	L1741	13	
4767	$4179 \cdot 2^{1060109} + 1$	319129	L1158	13	
4768	$217 \cdot 2^{1059961} - 1$	319083	L639	08	
4769	$7809 \cdot 2^{1059953} + 1$	319082	L3262	13	
4770	$3753 \cdot 2^{1059936} + 1$	319077	L1931	13	
4771	$1039 \cdot 2^{1059897} - 1$	319064	L1828	11	
4772	$1527 \cdot 2^{1059866} + 1$	319055	L1204	13	
4773	$3327 \cdot 2^{1059839} + 1$	319047	L3450	13	
4774	$3793 \cdot 2^{1059814} + 1$	319040	L3446	13	
4775	$9843 \cdot 2^{1059670} + 1$	318997	L2066	13	
4776	$8 \cdot 866^{108590} - 1$	318986	L3570	13	
4777	$41 \cdot 2^{1059562} - 1$	318962	L282	09	
4778	$1641 \cdot 2^{1059495} + 1$	318943	L2887	13	
4779	$8265 \cdot 2^{1059439} + 1$	318927	L1158	13	
4780	$1017 \cdot 2^{1059383} + 1$	318910	L2620	11	
4781	$1125 \cdot 2^{1059317} - 1$	318890	L1828	11	
4782	$1983 \cdot 2^{1059248} + 1$	318869	L1158	13	
4783	$6513 \cdot 2^{1059216} + 1$	318860	L1512	13	
4784	$927 \cdot 2^{1059198} + 1$	318854	L1820	11	
4785	$5173 \cdot 2^{1059174} + 1$	318847	L1792	13	
4786	$2173 \cdot 2^{1059144} + 1$	318838	L1531	13	
4787	$1467 \cdot 2^{1059136} + 1$	318835	L3317	13	
4788	$5847 \cdot 2^{1059055} + 1$	318812	L1741	13	
4789	$553 \cdot 2^{1058992} + 1$	318792	L2716	11	
4790	$3967 \cdot 2^{1058886} + 1$	318761	L2520	13	
4791	$9975 \cdot 2^{1058835} - 1$	318746	L2338	13	
4792	$7229 \cdot 2^{1058835} + 1$	318745	L3213	13	
4793	$6113 \cdot 2^{1058825} + 1$	318742	L1595	13	
4794	$9033 \cdot 2^{1058724} - 1$	318712	L2338	13	
4795	$6309 \cdot 2^{1058631} + 1$	318684	L1204	13	
4796	$5537 \cdot 2^{1058615} + 1$	318679	L3179	13	
4797	$1639 \cdot 2^{1058414} + 1$	318618	L1741	13	
4798	$9375 \cdot 2^{1058366} + 1$	318604	L2626	13	
4799	$907 \cdot 366^{124278} - 1$	318588	L2054	11	
4800	$819 \cdot 2^{1058286} + 1$	318579	L2715	11	
4801	$4209 \cdot 2^{1058143} + 1$	318537	L3475	13	
4802	$1233 \cdot 2^{1058123} - 1$	318530	L1828	11	

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4803	$5713 \cdot 2^{1058082} + 1$	318519	L3449	13	
4804	$9467 \cdot 2^{1057947} + 1$	318478	L3035	13	
4805	$4163 \cdot 2^{1057885} + 1$	318459	L2520	13	
4806	$9059 \cdot 2^{1057881} + 1$	318458	L3141	13	
4807	$6791 \cdot 2^{1057877} + 1$	318457	L2085	13	
4808	$2103 \cdot 2^{1057854} - 1$	318450	L840	13	
4809	$6329 \cdot 2^{1057845} + 1$	318447	L3175	13	
4810	$161 \cdot 2^{1057743} + 1$	318415	L669	10	
4811	$6545 \cdot 2^{1057713} + 1$	318408	L3457	13	
4812	$8055 \cdot 2^{1057602} + 1$	318374	L3262	13	
4813	$5095 \cdot 2^{1057502} + 1$	318344	L2100	13	
4814	$1239 \cdot 2^{1057457} + 1$	318330	L2981	13	
4815	$1241 \cdot 2^{1057451} + 1$	318328	L1935	13	
4816	$1657 \cdot 2^{1057434} + 1$	318323	L1158	13	
4817	$1293 \cdot 2^{1057224} + 1$	318260	L1158	13	
4818	$8479 \cdot 2^{1057210} + 1$	318256	L2719	13	
4819	$117 \cdot 2^{1057032} + 1$	318201	L669	09	
4820	$7239 \cdot 2^{1056979} + 1$	318187	L2520	13	
4821	$7529 \cdot 2^{1056969} + 1$	318184	L2626	13	
4822	$2871 \cdot 2^{1056936} + 1$	318173	L1505	13	
4823	$3129 \cdot 2^{1056845} + 1$	318146	L2520	13	
4824	$5733 \cdot 2^{1056798} + 1$	318132	L1186	13	
4825	$7513 \cdot 2^{1056788} + 1$	318129	L2626	13	
4826	$1443 \cdot 2^{1056737} + 1$	318113	L1935	13	
4827	$6483 \cdot 2^{1056600} + 1$	318073	L3483	13	
4828	$4955 \cdot 2^{1056527} + 1$	318051	L1780	13	
4829	$6883 \cdot 2^{1056148} + 1$	317937	L3141	13	
4830	$4967 \cdot 2^{1056047} + 1$	317906	L3141	13	
4831	$3883 \cdot 2^{1056004} + 1$	317893	L1741	13	
4832	$7115 \cdot 2^{1056003} + 1$	317893	L3262	13	
4833	$511 \cdot 2^{1055989} - 1$	317888	L2255	11	
4834	$7533 \cdot 2^{1055985} + 1$	317888	L1595	13	
4835	$6837 \cdot 2^{1055971} + 1$	317883	L1512	13	
4836	$653 \cdot 2^{1055929} + 1$	317870	L2593	11	
4837	$1185 \cdot 2^{1055908} + 1$	317864	L2714	11	
4838	$9135 \cdot 2^{1055785} - 1$	317827	L2338	13	
4839	$7589 \cdot 2^{1055759} + 1$	317820	L1741	13	
4840	$415 \cdot 2^{1055734} + 1$	317811	L2848	11	
4841	$9289 \cdot 2^{1055698} + 1$	317801	L2626	13	
4842	$4177 \cdot 2^{1055580} + 1$	317765	L1660	13	
4843	$7057 \cdot 2^{1055578} + 1$	317765	L3180	13	
4844	$4043 \cdot 2^{1055557} + 1$	317758	L3405	13	
4845	$3651 \cdot 2^{1055484} + 1$	317736	L2058	13	
4846	$2825 \cdot 2^{1055417} + 1$	317716	L3294	13	
4847	$473 \cdot 2^{1055381} + 1$	317705	L1341	11	
4848	$4119 \cdot 2^{1055228} - 1$	317659	L1959	12	
4849	$1053 \cdot 2^{1055210} - 1$	317653	L1828	11	
4850	$9117 \cdot 2^{1055124} + 1$	317628	L2992	13	
4851	$864316301 \cdot 2^{1055106} - 1$	317628	L426	07	
4852	$8145 \cdot 2^{1055113} + 1$	317625	L3262	13	

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4853	$2667 \cdot 2^{1055026} + 1$	317598	L2976	13	
4854	$1129 \cdot 2^{1055002} + 1$	317591	L2713	11	
4855	$575 \cdot 2^{1054995} + 1$	317588	L2704	11	
4856	$6043 \cdot 2^{1054918} + 1$	317566	L3485	13	
4857	$833 \cdot 2^{1054916} - 1$	317565	L1817	12	
4858	$2881 \cdot 2^{1054796} + 1$	317529	L1224	13	
4859	$5513 \cdot 2^{1054793} + 1$	317529	L3261	13	
4860	$9337 \cdot 2^{1054712} + 1$	317504	L2992	13	
4861	$4719 \cdot 2^{1054693} + 1$	317498	L3475	13	
4862	$4579 \cdot 2^{1054666} + 1$	317490	L1204	13	
4863	$10963 \cdot 2^{1054519} - 1$	317446	L2055	11	
4864	$895 \cdot 2^{1054515} - 1$	317444	L1815	12	
4865	$7221 \cdot 2^{1054488} + 1$	317437	L3378	13	
4866	$7935 \cdot 2^{1054458} + 1$	317428	L2530	13	
4867	$5853 \cdot 2^{1054456} + 1$	317427	L3430	13	
4868	$9693 \cdot 2^{1054327} - 1$	317389	L2338	13	
4869	$1425 \cdot 2^{1054094} - 1$	317318	L1134	12	
4870	$149 \cdot 2^{1054092} - 1$	317316	L1959	11	
4871	$5081 \cdot 2^{1054075} + 1$	317312	L3141	13	
4872	$9663 \cdot 2^{1053875} - 1$	317252	L2338	13	
4873	$3939 \cdot 2^{1053871} + 1$	317251	L3446	13	
4874	$8137 \cdot 2^{1053764} + 1$	317219	L3262	13	
4875	$3595 \cdot 2^{1053646} + 1$	317183	L3449	13	
4876	$3543 \cdot 2^{1053641} + 1$	317182	L3445	13	
4877	$5279 \cdot 2^{1053639} + 1$	317181	L1448	13	
4878	$4809 \cdot 2^{1053619} + 1$	317175	L1204	13	
4879	$7515 \cdot 2^{1053579} + 1$	317163	L3262	13	
4880	$8647 \cdot 2^{1053506} + 1$	317141	L3277	13	
4881	$6561 \cdot 2^{1053481} - 1$	317134	L466	11	
4882	$648 \cdot 43^{194123} + 1$	317097	p261	10	
4883	$2007 \cdot 2^{1053358} + 1$	317096	L1480	13	
4884	$5903 \cdot 2^{1053349} + 1$	317094	L3481	13	
4885	$7961 \cdot 2^{1053317} + 1$	317084	L3262	13	
4886	$267 \cdot 2^{1053203} + 1$	317049	L1446	10	
4887	$525 \cdot 2^{1053162} - 1$	317037	L2257	11	
4888	$4725 \cdot 2^{1053124} + 1$	317026	L1204	13	
4889	$6649 \cdot 2^{1053098} + 1$	317018	L3141	13	
4890	$8855 \cdot 2^{1053069} + 1$	317010	L1158	13	
4891	$6493 \cdot 2^{1053042} + 1$	317002	L3262	13	
4892	$5583 \cdot 2^{1053009} + 1$	316992	L3378	13	
4893	$7653 \cdot 2^{1052985} + 1$	316984	L3514	13	
4894	$9865 \cdot 2^{1052788} + 1$	316925	L3262	13	
4895	$705 \cdot 2^{1052759} - 1$	316915	L2257	12	
4896	$7331 \cdot 2^{1052755} + 1$	316915	L3500	13	
4897	$881 \cdot 2^{1052749} + 1$	316912	L2413	11	
4898	$8609 \cdot 2^{1052473} + 1$	316830	L1158	13	
4899	$8895 \cdot 2^{1052470} + 1$	316829	L1158	13	
4900	$7303 \cdot 2^{1052464} + 1$	316828	L3430	13	
4901	$7695 \cdot 2^{1052444} + 1$	316822	L2859	13	
4902	$6449 \cdot 2^{1052359} + 1$	316796	L3261	13	

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4903	$9479 \cdot 2^{1052277} + 1$	316771	L2413	13	
4904	$4105 \cdot 2^{1052262} + 1$	316767	L1204	13	
4905	$2103 \cdot 2^{1052190} + 1$	316745	L3127	13	
4906	$7941 \cdot 2^{1051985} + 1$	316683	L1174	13	
4907	$4639 \cdot 2^{1051950} + 1$	316673	L2327	13	
4908	$2647 \cdot 2^{1051930} + 1$	316666	L3439	13	
4909	$9159 \cdot 2^{1051887} + 1$	316654	L1741	13	
4910	$2493 \cdot 2^{1051884} + 1$	316653	L1546	13	
4911	$5145 \cdot 2^{1051791} + 1$	316625	L1935	13	
4912	$357 \cdot 2^{1051783} + 1$	316621	L1303	11	
4913	$3397 \cdot 2^{1051562} + 1$	316556	L3445	13	
4914	$9675 \cdot 2^{1051517} + 1$	316543	L3262	13	
4915	$511 \cdot 2^{1051499} - 1$	316536	L2255	11	
4916	$915 \cdot 2^{1051477} + 1$	316530	L1224	11	
4917	$1323 \cdot 2^{1051465} + 1$	316526	L2549	13	
4918	$5443 \cdot 2^{1051422} + 1$	316514	L2085	13	
4919	$5053 \cdot 2^{1051312} + 1$	316481	L3294	13	
4920	$2593 \cdot 2^{1051308} + 1$	316479	L3262	13	
4921	$8605 \cdot 2^{1051286} + 1$	316473	L1303	13	
4922	$345 \cdot 2^{1051282} + 1$	316470	L1129	11	
4923	$8457 \cdot 2^{1051215} + 1$	316452	L3262	13	
4924	$6641 \cdot 2^{1051207} + 1$	316449	L1158	13	
4925	$8623 \cdot 2^{1051112} + 1$	316421	L3262	13	
4926	$7307 \cdot 2^{1051111} + 1$	316420	L1741	13	
4927	$9 \cdot 2^{1051026} + 1$	316392	p156	04	Generalized Fermat
4928	$4641 \cdot 2^{1051005} + 1$	316388	L1675	13	
4929	$7603 \cdot 2^{1050875} - 1$	316349	L2377	11	
4930	$6117 \cdot 2^{1050836} + 1$	316337	L3378	13	
4931	$1491 \cdot 2^{1050764} + 1$	316315	L2826	13	Divides $GF(1050763, 10)$
4932	$9027 \cdot 2^{1050619} + 1$	316272	L3257	13	
4933	$1679 \cdot 2^{1050575} + 1$	316258	L2085	13	
4934	$2587 \cdot 2^{1050536} + 1$	316247	L3437	13	
4935	$7191 \cdot 2^{1050516} + 1$	316241	L2826	13	
4936	$2865 \cdot 2^{1050462} + 1$	316225	L3237	13	
4937	$3453 \cdot 2^{1050393} + 1$	316204	L3447	13	
4938	$2383 \cdot 2^{1050354} + 1$	316192	L1224	13	
4939	$1527 \cdot 2^{1050335} + 1$	316186	L1158	13	
4940	$4665 \cdot 2^{1050332} + 1$	316186	L3476	13	
4941	$9011 \cdot 2^{1050243} + 1$	316159	L2826	13	
4942	$7457 \cdot 2^{1050119} + 1$	316122	L2912	13	
4943	$9855 \cdot 2^{1050035} + 1$	316097	L2583	13	
4944	$7217 \cdot 2^{1049947} + 1$	316070	L3294	13	
4945	$1813 \cdot 2^{1049920} + 1$	316061	L3262	13	
4946	$7069 \cdot 2^{1049854} + 1$	316042	L3237	13	
4947	$6875 \cdot 2^{1049833} + 1$	316036	L3262	13	
4948	$9069 \cdot 2^{1049686} + 1$	315991	L3262	13	
4949	$293 \cdot 2^{1049569} + 1$	315955	L1446	10	
4950	$8465 \cdot 2^{1049563} + 1$	315954	L1753	13	
4951	$3395 \cdot 2^{1049445} + 1$	315918	L1502	13	
4952	$4797 \cdot 2^{1049423} + 1$	315912	L2549	13	

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4953	$4079 \cdot 2^{1049200} - 1$	315845	L1959	12	
4954	$6221 \cdot 2^{1049151} + 1$	315830	L3366	13	
4955	$4935 \cdot 2^{1049124} - 1$	315822	L2055	11	
4956	$8073 \cdot 2^{1049054} + 1$	315801	L3389	13	
4957	$2611 \cdot 2^{1049040} + 1$	315796	L1125	13	
4958	$2039 \cdot 2^{1048875} + 1$	315747	L1741	13	
4959	$9939 \cdot 2^{1048829} - 1$	315733	L2338	13	
4960	$2073 \cdot 2^{1048786} + 1$	315720	L3167	13	
4961	$1979 \cdot 2^{1048783} + 1$	315719	L2131	13	
4962	$5565 \cdot 2^{1048767} + 1$	315715	L1204	13	
4963	$2679 \cdot 2^{1048687} + 1$	315690	L3262	13	
4964	$9755 \cdot 2^{1048657} + 1$	315682	L2549	13	
4965	$4019 \cdot 2^{1048655} + 1$	315681	L1842	13	
4966	$4821 \cdot 2^{1048653} + 1$	315680	L2521	13	
4967	$927 \cdot 2^{1048583} + 1$	315658	L1935	11	
4968	$2^{1048576} - 2^{891232} - 1$	315653	p269	11	
4969	$425 \cdot 2^{1048563} + 1$	315652	L1776	11	
4970	$8357 \cdot 2^{1048315} + 1$	315579	L1300	13	
4971	$8019 \cdot 2^{1048289} + 1$	315571	L2085	13	
4972	$2295 \cdot 2^{1048273} + 1$	315565	L3386	13	
4973	$5099 \cdot 2^{1048247} + 1$	315558	L3262	13	
4974	$5181 \cdot 2^{1047951} + 1$	315469	L1502	13	
4975	$1035 \cdot 2^{1047941} - 1$	315465	L1828	11	
4976	$12345 \cdot 2^{1047788} - 1$	315420	L426	09	
4977	$6155 \cdot 2^{1047677} + 1$	315386	L1502	13	
4978	$4585 \cdot 2^{1047662} + 1$	315382	L2826	13	
4979	$106 \cdot 405^{120952} + 1$	315379	L1471	12	
4980	$7501 \cdot 2^{1047608} + 1$	315366	L3173	13	
4981	$5313 \cdot 2^{1047593} + 1$	315361	L1745	13	
4982	$2619 \cdot 2^{1047583} + 1$	315358	L3385	13	
4983	$9199 \cdot 2^{1047570} + 1$	315354	L2543	13	
4984	$6129 \cdot 2^{1047490} + 1$	315330	L2659	13	
4985	$3789 \cdot 2^{1047483} + 1$	315328	L1741	13	
4986	$317 \cdot 2^{1047471} + 1$	315323	L1751	11	
4987	$9579 \cdot 2^{1047431} - 1$	315313	L2338	13	
4988	$6321 \cdot 2^{1047419} + 1$	315309	L3262	13	
4989	$954793 \cdot 2^{1047382} + 1$	315300	g356	10	
4990	$638289 \cdot 2^{1047382} + 1$	315300	L74	10	
4991	$265827 \cdot 2^{1047382} + 1$	315299	g356	10	
4992	$993 \cdot 2^{1047352} + 1$	315288	L1492	11	
4993	$9639 \cdot 2^{1047291} + 1$	315270	L2516	13	
4994	$3735 \cdot 2^{1047283} + 1$	315268	L1935	13	
4995	$4725 \cdot 2^{1047189} + 1$	315239	L2539	13	
4996	$4867 \cdot 2^{1047112} + 1$	315216	L2826	13	
4997	$1293 \cdot 2^{1047087} - 1$	315208	L1828	11	
4998	$5307 \cdot 2^{1047047} + 1$	315197	L2997	13	
4999	$8961 \cdot 2^{1046829} + 1$	315131	L3205	13	
5000	$6313 \cdot 2^{1046828} + 1$	315131	L2516	13	
5021	$10^{314727} - 8 \cdot 10^{157363} - 1$	314727	p235	13	Near-repdigit, palindrome
5177	$992 \cdot 10^{312136} - 1$	312139	p356	13	Near-repdigit

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5223	$9539 \cdot 2^{1034437} + 1$	311401	L1502	13	Divides $GF(1034434, 10)$
5243	$549 \cdot 2^{1033187} + 1$	311024	L1224	11	Divides $GF(1033186, 5)$
5550	$151 \cdot 2^{1016600} + 1$	306030	L669	10	Divides $GF(1016599, 5)$
5590	$166585 \cdot 68^{166585} - 1$	305274	p357	13	Generalized Woodall
5613	$139948 \cdot 151^{139948} + 1$	304949	g407	10	Generalized Cullen
6067	$2^{991961} - 2^{495981} + 1$	298611	x28	05	Gaussian Mersenne norm 36
6115	$225 \cdot 2^{988695} + 1$	297630	L1446	10	Divides $GF(988693, 6)$
6453	$6 \cdot 10^{293134} - 1$	293135	p297	10	Near-repdigit
6604	$236418 \cdot 17^{236418} + 1$	290906	g157	12	Generalized Cullen
6644	$10^{290253} - 2 \cdot 10^{145126} - 1$	290253	p235	12	Near-repdigit, Palindrome
6718	$11 \cdot 2^{960901} + 1$	289262	g277	05	Divides Fermat $F(960897)$
6866	$2 \cdot 827^{98511} + 1$	287407	g404	09	Divides $Phi(827^{98511}, 2)$
7032	$143717 \cdot 96^{143717} + 1$	284892	g157	09	Generalized Cullen
7345	$122095 \cdot 198^{122095} + 1$	280417	g407	12	Generalized Cullen
7422	$2 \cdot 131^{131925} + 1$	279322	g424	10	Divides $Phi(131^{131925}, 2)$
7556	$873 \cdot 2^{922545} + 1$	277717	L153	10	Divides $GF(922543, 3)$
7587	$10^{277200} - 10^{99088} - 1$	277200	p367	13	Near-repdigit
7595	$138846 \cdot 99^{138846} + 1$	277092	g157	10	Generalized Cullen
7693	$113 \cdot 2^{916801} + 1$	275987	L153	09	Divides $GF(916800, 5)$ , $GF(916800, 12)$
7694	$3 \cdot 2^{916773} + 1$	275977	g245	01	Divides $GF(916771, 3)$ , $GF(916772, 10)$
7737	[ Long prime 7737 ]	275495	p44	12	Palindrome
7914	$1705 \cdot 2^{906110} + 1$	272770	L3174	12	Divides Fermat $F(906108)$
8099	$6 \cdot 10^{270658} - 1$	270659	p297	10	Near-repdigit
8178	$10^{269479} - 7 \cdot 10^{134739} - 1$	269479	p235	12	Near-repdigit, Palindrome
8187	$43 \cdot 2^{894766} + 1$	269354	g279	06	Divides $GF(894765, 5)$
8376	$11 \cdot 2^{886071} + 1$	266735	g277	05	Divides $GF(886070, 12)$
8999	$2^{859433} - 1$	258716	SG	94	Mersenne 33
9277	$Phi(3, -3^{267414} + 1)/3$	255178	x28	05	Generalized unique
9642	$249 \cdot 2^{832207} + 1$	250522	L669	10	Divides $GF(832206, 5)$
9664	$35 \cdot 2^{831411} + 1$	250282	g279	06	Divides $GF(831410, 3)$
9753	$2 \cdot 239^{104781} + 1$	249212	g424	11	Divides $Phi(239^{104781}, 2)$
9865	$1815 \cdot 2^{823632} + 1$	247942	L1741	12	Divides $GF(823629, 12)$
10071	$459 \cdot 2^{816031} + 1$	245653	L1498	11	Divides $GF(816030, 5)$
10213	$7 \cdot 2^{811230} + 1$	244206	g148	02	Divides $GF(811228, 5)$
10387	$7 \cdot 2^{804534} + 1$	242190	g196	03	Divides $GF(804533, 12)$
10547	$42014 \cdot 3^{504169} + 1$	240555	L2777	11	Generalized Cullen
10786	$5215 \cdot 2^{789906} + 1$	237790	L2659	12	Divides $GF(789905, 6)$
11677	$2^{756839} - 1$	227832	SG	92	Mersenne 32
12309	[ Long prime 12309 ]	221071	x34	08	Generalized unique
12515	$59 \cdot 2^{727815} + 1$	219096	p227	08	Divides $GF(727814, 12)$
12586	$2 \cdot 83^{113849} + 1$	218486	g424	10	Divides $Phi(83^{113849}, 2)$
13708	$Phi(3, -2322573^{16384})$	208601	p72	08	Generalized unique
13713	$Phi(3, -2313516^{16384})$	208545	p72	08	Generalized unique
13821	$Phi(3, -2182528^{16384})$	207716	f7	07	Generalized unique
13824	$Phi(3, -2178996^{16384})$	207692	f7	07	Generalized unique
13837	$2 \cdot 683^{73237} + 1$	207585	g404	08	Divides $Phi(683^{73237}, 2)$
13880	$Phi(3, -2115084^{16384})$	207269	f7	07	Generalized unique
13888	$Phi(3, -2110199^{16384})$	207236	f7	07	Generalized unique

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13912	$\text{Phi}(3, -2074507^{16384})$	206993	f7	07	Generalized unique
13950	$\text{Phi}(3, -2029827^{16384})$	206683	f7	06	Generalized unique
13988	$\text{Phi}(3, -1989801^{16384})$	206400	f7	06	Generalized unique
13993	$\text{Phi}(3, -3898771219232^{8192})$	206290	f14	07	Generalized unique
14008	$\text{Phi}(3, -3824990769800^{8192})$	206154	f14	07	Generalized unique
14014	$\text{Phi}(3, -3804263911368^{8192})$	206116	f14	07	Generalized unique
14016	$\text{Phi}(3, -1949616^{16384})$	206110	f7	06	Generalized unique
14020	$13 \cdot 2^{684560} + 1$	206075	g267	03	Divides $GF(684557, 10)$ , $GF(684559, 6)$
14022	$\text{Phi}(3, -3775889401250^{8192})$	206062	f14	07	Generalized unique
14025	$\text{Phi}(3, -3757143544200^{8192})$	206027	f14	07	Generalized unique
14031	$\text{Phi}(3, -1932045^{16384})$	205981	f7	06	Generalized unique
14040	$\text{Phi}(3, -1925507^{16384})$	205932	f7	06	Generalized unique
14053	$\text{Phi}(3, -1910944^{16384})$	205824	f7	06	Generalized unique
14149	$10^{205030} + 7047407 \cdot 10^{102512} + 1$	205031	D	11	Palindrome
14475	$27 \cdot 2^{672007} + 1$	202296	g279	05	Divides Fermat $F(672005)$
14674	$667071 \cdot 2^{667071} - 1$	200815	g55	00	Woodall
14697	$18543637900515 \cdot 2^{666668} - 1$	200701	L2429	12	Sophie Germain ( $2p + 1$ )
14698	$9094283341425 \cdot 2^{666669} - 1$	200701	p199	11	Arithmetic progression ( $3, d =$ $32289415560495 \cdot 2^{666666}$ )
14744	$40464851170905 \cdot 2^{666666} - 1$	200701	L1008	11	Arithmetic progression ( $2, d =$ $32289415560495 \cdot 2^{666666}$ ) [p199]
14797	$18543637900515 \cdot 2^{666667} - 1$	200701	L2429	12	Sophie Germain ( $p$ )
14798	$3756801695685 \cdot 2^{666669} + 1$	200700	L1921	11	Twin ( $p + 2$ )
14799	$3756801695685 \cdot 2^{666669} - 1$	200700	L1921	11	Twin ( $p$ )
14920	$26767338410445 \cdot 2^{666666} - 1$	200700	p199	11	Arithmetic progression ( $3, d =$ $12521740750545 \cdot 2^{666666}$ )
15221	$23716957113345 \cdot 2^{666666} - 1$	200700	p199	11	Arithmetic progression ( $3, d =$ $2697434638065 \cdot 2^{666668}$ )
15271	$11638738675125 \cdot 2^{666667} - 1$	200700	p199	11	Arithmetic progression ( $3, d =$ $9571322415225 \cdot 2^{666666}$ )
16072	$14646182194005 \cdot 2^{666666} - 1$	200700	p199	11	Arithmetic progression ( $3, d =$ $3388839720735 \cdot 2^{666666}$ )
16114	$3561399414975 \cdot 2^{666668} - 1$	200700	L1661	11	Arithmetic progression ( $2, d =$ $12521740750545 \cdot 2^{666666}$ ) [p199]
16174	$13706154935025 \cdot 2^{666666} - 1$	200700	L967	11	Arithmetic progression ( $2, d =$ $9571322415225 \cdot 2^{666666}$ ) [p199]
16274	$12927218561085 \cdot 2^{666666} - 1$	200700	L2078	11	Arithmetic progression ( $2, d =$ $2697434638065 \cdot 2^{666668}$ ) [p199]
16441	$5628671236635 \cdot 2^{666667} - 1$	200700	L1945	11	Arithmetic progression ( $2, d =$ $3388839720735 \cdot 2^{666666}$ ) [p199]
16749	$4087717805205 \cdot 2^{666667} - 1$	200700	L1633	10	Arithmetic progression ( $1, d =$ $32289415560495 \cdot 2^{666666}$ ) [p199]
16796	$7868502752535 \cdot 2^{666666} - 1$	200700	L1183	10	Arithmetic progression ( $1, d =$ $3388839720735 \cdot 2^{666666}$ ) [p199]
17166	$516854064975 \cdot 2^{666669} - 1$	200700	L1286	10	Arithmetic progression ( $1, d =$ $9571322415225 \cdot 2^{666666}$ ) [p199]
17356	$2137480008825 \cdot 2^{666666} - 1$	200699	L1706	10	Arithmetic progression ( $1, d =$ $2697434638065 \cdot 2^{666668}$ ) [p199]
17401	$1723856909355 \cdot 2^{666666} - 1$	200699	L934	10	Arithmetic progression ( $1, d =$ $12521740750545 \cdot 2^{666666}$ ) [p199]

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17647	$2 \cdot 419^{76419} + 1$	200388	g404	07	Divides $\Phi(419^{76419}, 2)$
17717	$10^{200000} + 47960506974 \cdot 10^{99995} + 1$	200001	p288	10	Palindrome
18214	$2 \cdot 7919^{50227} + 1$	195819	g428	12	Divides $\Phi(7919^{50227}, 2)$
18671	$2 \cdot 11987^{47063} + 1$	191957	g426	11	Divides $\Phi(11987^{47063}, 2)$
18880	$10^{190004} + 214757412 \cdot 10^{94998} + 1$	190005	D	10	Palindrome
18960	$2 \cdot 191^{83009} + 1$	189347	g404	06	Divides $\Phi(191^{83009}, 2)$
19348	$659 \cdot 2^{617815} + 1$	185984	L732	09	Divides Fermat $F(617813)$
19458	$10^{185008} + 130525031 \cdot 10^{92500} + 1$	185009	D	10	Palindrome
19702	$2 \cdot 131^{86365} + 1$	182859	g404	07	Divides $\Phi(131^{86365}, 2)$
20086	$10^{180054} + 8 \cdot R(58567) \cdot 10^{60744} + 1$	180055	p235	09	Tetradic palindrome
20094	$10^{180004} + 248797842 \cdot 10^{89998} + 1$	180005	D	07	Palindrome
20476	$351 \cdot 2^{588325} + 1$	177107	L651	09	Divides $GF(588323, 6)$
20624	$151 \cdot 2^{585044} + 1$	176118	L446	07	Divides Fermat $F(585042)$
20747	$10^{175108} + 230767032 \cdot 10^{87550} + 1$	175109	D	07	Palindrome
21368	$519 \cdot 2^{567235} + 1$	170758	L656	09	Divides Fermat $F(567233)$
21476	$10^{170006} + 3880883 \cdot 10^{85000} + 1$	170007	D	06	Palindrome
21480	$392113\# + 1$	169966	p16	01	Primorial
21586	$7 \cdot 2^{561816} + 1$	169125	g148	03	Divides $GF(561815, 5)$ ; $GF(561815, 6)$ [p149]
22940	$2 \cdot 1031^{53111} + 1$	160038	g404	09	Divides $\Phi(1031^{53111}, 2)$
22945	$10^{160016} + 8231328 \cdot 10^{80005} + 1$	160017	D	06	Palindrome
23119	$366439\# + 1$	158936	p16	01	Primorial
23212	$345 \cdot 2^{525977} + 1$	158338	g258	07	Divides $GF(525974, 6)$
23237	$11 \cdot 2^{525589} + 1$	158220	p116	03	Divides $GF(525588, 6)$
24143	$2 \cdot 191^{66971} + 1$	152764	g404	06	Divides $\Phi(191^{66971}, 2)$
24583	$2 \cdot 431^{56947} + 1$	150026	g404	07	Divides $\Phi(431^{56947}, 2)$
24586	$10^{150008} + 4798974 \cdot 10^{75001} + 1$	150009	D	06	Palindrome
24588	$10^{150006} + 7426247 \cdot 10^{75000} + 1$	150007	p5	05	Palindrome
24619	$2 \cdot 1931^{45605} + 1$	149849	g404	07	Divides $\Phi(1931^{45605}, 2)$
24718	$243 \cdot 2^{495732} + 1$	149233	L165	07	Divides Fermat $F(495728)$ , $GF(495726, 3)$ , $GF(495728, 6)$ , $GF(495727, 12)$
24992	$2 \cdot 16187^{35043} + 1$	147503	p358	13	Divides $\Phi(16187^{35043}, 2)$
25396	$9265 \cdot 2^{482072} + 1$	145123	L635	09	Divides $GF(482070, 10)$
25401	$481899 \cdot 2^{481899} + 1$	145072	gm	98	Cullen
25664	$651 \cdot 2^{476632} + 1$	143484	L668	08	Divides Fermat $F(476624)$
25749	$34790! - 1$	142891	p85	02	Factorial
25757	$6841 \cdot 2^{474348} + 1$	142797	L1065	09	Divides $GF(474347, 10)$
25884	$89 \cdot 2^{472099} + 1$	142118	p114	04	Divides Fermat $F(472097)$
26255	$10^{140008} + 4546454 \cdot 10^{70001} + 1$	140009	D	05	Palindrome
26399	$3911 \cdot 2^{462579} + 1$	139254	L679	09	Divides $GF(462577, 10)$
26470	$9 \cdot 2^{461081} + 1$	138801	g122	03	Divides Fermat $F(461076)$ , $GF(461077, 3)$ , $GF(461077, 6)$ , $GF(461077, 12)$
26737	$4377 \cdot 2^{456708} + 1$	137487	L872	09	Divides $GF(456707, 10)$
27172	$10^{134809} - 10^{67404} - 1$	134809	p235	10	Near-repdigit, palindrome
27522	$9 \cdot 2^{435743} + 1$	131173	g122	03	Divides $GF(435742, 10)$
27647	$10^{130208} + 121414121 \cdot 10^{65100} + 1$	130209	p359	13	Palindrome
27672	$10^{130048} + (9 \cdot 10^{37077} - 2)/11 \cdot 10^{46486} + 1$	130049	p235	08	Tetradic palindrome



rank	description	digits	who	year	comment
27677	$10^{130036} + 116010611 \cdot 10^{65014} + 1$	130037	D	04	Palindrome
29928	$2^{364289} - 2^{182145} + 1$	109662	p58	01	Gaussian Mersenne norm 35
30062	$361275 \cdot 2^{361275} + 1$	108761	DS	98	Cullen
30229	$26951! + 1$	107707	p65	02	Factorial
31730	$65516468355 \cdot 2^{333333} + 1$	100355	L923	09	Twin ( $p + 2$ )
31731	$65516468355 \cdot 2^{333333} - 1$	100355	L923	09	Twin ( $p$ )
36600	$21480! - 1$	83727	p65	01	Factorial
37009	$183027 \cdot 2^{265441} - 1$	79911	L983	10	Sophie Germain ( $2p + 1$ )
37010	$183027 \cdot 2^{265440} - 1$	79911	L983	10	Sophie Germain ( $p$ )
37085	$262419 \cdot 2^{262419} + 1$	79002	DS	98	Cullen
37420	$648621027630345 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ( $2p + 1$ )
37421	$620366307356565 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ( $2p + 1$ )
37422	$648621027630345 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain ( $p$ )
37423	$620366307356565 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain ( $p$ )
39280	$2^{216091} - 1$	65050	S	85	Mersenne 31
39503	$(63847^{13339} - 1)/63846$	64091	p170	13	Generalized repunit
39661	$145823\# + 1$	63142	p21	00	Primorial
39936	$2^{203789} + 2^{101895} + 1$	61347	O	00	Gaussian Mersenne norm 34
40194	$(26371^{13681} - 1)/26370$	60482	p170	12	Generalized repunit
40864	$(4529^{16381} - 1)/4528$	59886	CH2	12	Generalized repunit
41226	$2003663613 \cdot 2^{195000} + 1$	58711	L202	07	Twin ( $p + 2$ )
41227	$2003663613 \cdot 2^{195000} - 1$	58711	L202	07	Twin ( $p$ )
41484	$\text{prim}V(27655, 1, 19926)$	57566	x25	13	Generalized Lucas primitive part
43143	$607095 \cdot 2^{176312} - 1$	53081	L983	09	Sophie Germain ( $2p + 1$ )
43144	$607095 \cdot 2^{176311} - 1$	53081	L983	09	Sophie Germain ( $p$ )
43293	$(38284^{11491} - 1)/38283$	52659	CH2	13	Generalized repunit
43640	$48047305725 \cdot 2^{172404} - 1$	51910	L99	07	Sophie Germain ( $2p + 1$ )
43641	$48047305725 \cdot 2^{172403} - 1$	51910	L99	07	Sophie Germain ( $p$ )
43739	$137211941292195 \cdot 2^{171961} - 1$	51780	x24	06	Sophie Germain ( $2p + 1$ )
43740	$194772106074315 \cdot 2^{171960} + 1$	51780	x24	07	Twin ( $p + 2$ )
43741	$194772106074315 \cdot 2^{171960} - 1$	51780	x24	07	Twin ( $p$ )
43742	$137211941292195 \cdot 2^{171960} - 1$	51780	x24	06	Sophie Germain ( $p$ )
43743	$100314512544015 \cdot 2^{171960} + 1$	51780	x24	06	Twin ( $p + 2$ )
43744	$100314512544015 \cdot 2^{171960} - 1$	51780	x24	06	Twin ( $p$ )
43745	$16869987339975 \cdot 2^{171960} + 1$	51779	x24	05	Twin ( $p + 2$ )
43746	$16869987339975 \cdot 2^{171960} - 1$	51779	x24	05	Twin ( $p$ )
43960	$(34120^{11311} - 1)/34119$	51269	CH2	11	Generalized repunit
44558	$33218925 \cdot 2^{169690} + 1$	51090	g259	02	Twin ( $p + 2$ )
44559	$33218925 \cdot 2^{169690} - 1$	51090	g259	02	Twin ( $p$ )
45290	$2^{160423} - 2^{80212} + 1$	48293	O	00	Gaussian Mersenne norm 33
45414	$\text{prim}V(40395, -1, 15588)$	47759	x23	07	Generalized Lucas primitive part
45483	$\text{prim}V(53394, -1, 15264)$	47200	CH4	07	Generalized Lucas primitive part
45691	$22835841624 \cdot 7^{54321} + 1$	45917	p296	10	Twin ( $p + 2$ )
45692	$22835841624 \cdot 7^{54321} - 1$	45917	p296	10	Twin ( $p$ )
45728	$1679081223 \cdot 2^{151618} + 1$	45651	L527	12	Twin ( $p + 2$ )
45729	$1679081223 \cdot 2^{151618} - 1$	45651	L527	12	Twin ( $p$ )
45756	$151023 \cdot 2^{151023} - 1$	45468	g25	98	Woodall
46329	$648309 \cdot 2^{148311} + 1$	44652	L983	10	Cunningham chain 2nd kind ( $2p - 1$ )
46330	$648309 \cdot 2^{148310} + 1$	44652	L983	10	Cunningham chain 2nd kind ( $p$ )

rank	description	digits	who	year	comment
46528	$71509 \cdot 2^{143019} - 1$	43058	g23	98	Woodall, arithmetic progression ( $2, d = (143018 \cdot 2^{83969} - 80047) \cdot 2^{59049}$ ) [x12]
46631	$84966861 \cdot 2^{140219} + 1$	42219	L3121	12	Twin ( $p + 2$ )
46632	$84966861 \cdot 2^{140219} - 1$	42219	L3121	12	Twin (p)
46640	$31737014565 \cdot 2^{140004} - 1$	42156	L95	10	Sophie Germain ( $2p + 1$ )
46641	$31737014565 \cdot 2^{140003} - 1$	42156	L95	10	Sophie Germain (p)
46642	$14962863771 \cdot 2^{140002} - 1$	42155	L95	10	Sophie Germain ( $2p + 1$ )
46643	$12378188145 \cdot 2^{140002} + 1$	42155	L95	10	Twin ( $p + 2$ )
46644	$12378188145 \cdot 2^{140002} - 1$	42155	L95	10	Twin (p)
46645	$23272426305 \cdot 2^{140001} + 1$	42155	L95	10	Twin ( $p + 2$ )
46646	$23272426305 \cdot 2^{140001} - 1$	42155	L95	10	Twin (p)
46647	$14962863771 \cdot 2^{140001} - 1$	42155	L95	10	Sophie Germain (p)
46688	$(32556^{9283} - 1)/32555$	41887	CH2	11	Generalized repunit
46957	$(1549^{12973} - 1)/1548$	41382	p170	10	Generalized repunit
47006	$552903 \cdot 2^{136157} + 1$	40994	L983	10	Cunningham chain 2nd kind ( $2p - 1$ )
47007	$552903 \cdot 2^{136156} + 1$	40993	L983	10	Cunningham chain 2nd kind (p)
47847	$2^{132049} - 1$	39751	S	83	Mersenne 30
47860	$\text{prim}V(4836, 1, 16704)$	39616	x25	13	Generalized Lucas primitive part
48351	$8151728061 \cdot 2^{125987} + 1$	37936	p35	10	Twin ( $p + 2$ )
48352	$8151728061 \cdot 2^{125987} - 1$	37936	p35	10	Twin (p)
48449	$163221 \cdot 2^{124601} + 1$	37514	L983	09	Cunningham chain 2nd kind ( $2p - 1$ )
48450	$163221 \cdot 2^{124600} + 1$	37514	L983	09	Cunningham chain 2nd kind (p)
48501	$33759183 \cdot 2^{123459} - 1$	37173	L527	09	Sophie Germain ( $2p + 1$ )
48502	$33759183 \cdot 2^{123458} - 1$	37173	L527	09	Sophie Germain (p)
48525	$(28839^{8317} - 1)/28838$	37090	CH6	06	Generalized repunit
48681	$(4366^{10099} - 1)/4365$	36758	x14	11	Generalized repunit
48720	$7068555 \cdot 2^{121302} - 1$	36523	L100	05	Sophie Germain ( $2p + 1$ )
48721	$7068555 \cdot 2^{121301} - 1$	36523	L100	05	Sophie Germain (p)
48878	$598899 \cdot 2^{118987} + 1$	35825	L983	10	Twin ( $p + 2$ )
48879	$598899 \cdot 2^{118987} - 1$	35825	L983	10	Twin (p)
48881	$441797560 \cdot 3^{75001} + 1$	35794	L3323	12	Cunningham chain 2nd kind ( $2p - 1$ )
48883	$220898780 \cdot 3^{75001} + 1$	35793	L3323	12	Cunningham chain 2nd kind (p)
49035	$307259241 \cdot 2^{115599} + 1$	34808	g336	09	Twin ( $p + 2$ )
49036	$307259241 \cdot 2^{115599} - 1$	34808	g336	09	Twin (p)
49069	$\text{prim}V(38513, -1, 11502)$	34668	x23	06	Generalized Lucas primitive part
49114	$2540041185 \cdot 2^{114730} - 1$	34547	g294	03	Sophie Germain ( $2p + 1$ )
49122	$2540041185 \cdot 2^{114729} - 1$	34547	g294	03	Sophie Germain (p)
49228	$60194061 \cdot 2^{114689} + 1$	34533	g294	02	Twin ( $p + 2$ )
49229	$60194061 \cdot 2^{114689} - 1$	34533	g294	02	Twin (p)
49282	$\text{prim}V(9008, 1, 16200)$	34168	x23	05	Generalized Lucas primitive part
49413	$5558745 \cdot 10^{33334} + 1$	33341	p311	11	Twin ( $p + 2$ )
49414	$5558745 \cdot 10^{33334} - 1$	33341	p311	11	Twin (p)
49510	$2^{110503} - 1$	33265	WC	88	Mersenne 29
49516	$108615 \cdot 2^{110342} + 1$	33222	L113	08	Twin ( $p + 2$ )
49517	$108615 \cdot 2^{110342} - 1$	33222	L113	08	Twin (p)
49560	$\text{prim}V(6586, 1, 16200)$	32993	x25	13	Generalized Lucas primitive part

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49912	$1124044292325 \cdot 2^{108000} - 1$	32524	L99	06	Sophie Germain ( $2p + 1$ )
49913	$1124044292325 \cdot 2^{107999} - 1$	32523	L99	06	Sophie Germain (p)
49914	$112886032245 \cdot 2^{108001} - 1$	32523	L99	06	Sophie Germain ( $2p + 1$ )
49915	$112886032245 \cdot 2^{108000} - 1$	32523	L99	06	Sophie Germain (p)
49997	$1765199373 \cdot 2^{107520} + 1$	32376	g182	02	Twin ( $p + 2$ )
49998	$1765199373 \cdot 2^{107520} - 1$	32376	g182	02	Twin (p)
50849	$318032361 \cdot 2^{107001} + 1$	32220	p100	01	Twin ( $p + 2$ )
50850	$318032361 \cdot 2^{107001} - 1$	32220	p100	01	Twin (p)
50887	$2^{106693} + 2^{53347} + 1$	32118	O	00	Gaussian Mersenne norm 32
50990	$170152540 \cdot 3^{66215} - 1$	31601	L3323	12	Sophie Germain ( $2p + 1$ )
50991	$85076270 \cdot 3^{66215} - 1$	31601	L3323	12	Sophie Germain (p)
51033	$2243973027 \cdot 2^{104568} + 1$	31488	L99	12	Cunningham chain 2nd kind ( $2p - 1$ )
51034	$2243973027 \cdot 2^{104567} + 1$	31488	L99	12	Cunningham chain 2nd kind (p)
51049	$(V(77786, 1, 6453) + 1)/(V(77786, 1, 27) + 1)$	31429	x25	12	Lehmer primitive part
51119	[ Long prime 51119 ]	31112	p360	13	Sophie Germain ( $2p + 1$ )
51120	[ Long prime 51120 ]	31112	p360	13	Sophie Germain (p)
51133	$primV(10987, 1, 14400)$	31034	x25	05	Generalized Lucas primitive part
51366	$133603707 \cdot 2^{100014} - 1$	30116	L167	12	Sophie Germain ( $2p + 1$ )
51367	$133603707 \cdot 2^{100013} - 1$	30116	L167	12	Sophie Germain (p)
51368	$38588805195 \cdot 2^{100003} - 1$	30115	L95	09	Sophie Germain ( $2p + 1$ )
51371	$38588805195 \cdot 2^{100002} - 1$	30115	L95	09	Sophie Germain (p)
51372	$15744710163 \cdot 2^{100003} - 1$	30115	L95	09	Sophie Germain ( $2p + 1$ )
51373	$35909079387 \cdot 2^{100001} - 1$	30114	L95	09	Sophie Germain ( $2p + 1$ )
51376	$15744710163 \cdot 2^{100002} - 1$	30114	L95	09	Sophie Germain (p)
51377	$35909079387 \cdot 2^{100000} - 1$	30114	L95	09	Sophie Germain (p)
51458	$(11379^{7411} - 1)/11378$	30056	x14	09	Generalized repunit
51525	$49363 \cdot 2^{98727} - 1$	29725	Y	97	Woodall
51529	$U(2341, -1, 8819)$	29712	x25	08	Generalized Lucas number
53047	$primV(24127, -1, 6718)$	29433	CH3	05	Generalized Lucas primitive part
53181	$(13320^{6997} - 1)/13319$	28856	x14	10	Generalized repunit
53228	$primV(45922, 1, 11520)$	28644	x25	11	Generalized Lucas primitive part
53240	$primV(205011)$	28552	x39	09	Lucas primitive part
53271	$U(16531, 1, 6721) - U(16531, 1, 6720)$	28347	x36	07	Lehmer number
53451	$90825 \cdot 2^{90825} + 1$	27347	Y	97	Cullen
53614	$primV(5673, 1, 13500)$	27028	CH3	05	Generalized Lucas primitive part
53730	$primV(44368, 1, 9504)$	26768	CH3	05	Generalized Lucas primitive part
53777	$(3429^{7549} - 1)/3428$	26684	x14	09	Generalized repunit
53791	"	tau;(157 <sup>2006</sup> )"	26643	FE1	11
ECP					
53982	$primV(10986, -1, 9756)$	26185	x23	05	Generalized Lucas primitive part
54083	$primV(11076, -1, 12000)$	25885	x25	05	Generalized Lucas primitive part
54163	$2^{85237} + 2^{42619} + 1$	25659	x16	00	Gaussian Mersenne norm 31
54241	$primV(17505, 1, 11250)$	25459	x25	11	Generalized Lucas primitive part
54243	$U(2325, -1, 7561)$	25451	x20	13	Generalized Lucas number
54298	$primV(42, -1, 23376)$	25249	x23	07	Generalized Lucas primitive part
54334	$primV(7577, -1, 10692)$	25140	x33	07	Generalized Lucas primitive part
54340	$primV(44573, -1, 10125)$	25105	CH4	07	Generalized Lucas primitive part

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54358	$6753^{5122} + 5122^{6753}$	25050	FE1	10	ECPP
54425	$\text{prim}V(13896, 1, 11250)$	24858	x25	11	Generalized Lucas primitive part
54462	$\text{prim}V(19285, 1, 10800)$	24683	x25	05	Generalized Lucas primitive part
54505	$(13096^{5953} - 1)/13095$	24506	CH6	07	Generalized repunit
55160	$492590931 \cdot 2^{80000} - 1631979959 \cdot 2^{25001} - 1$	24092	p199	10	Arithmetic progression ( $4, d = 164196977 \cdot 2^{80000} - 1631979959 \cdot 2^{25000}$ )
55352	$6917! - 1$	23560	g1	98	Factorial
55388	$(89^{11971} - 1)/88$	23335	CH2	09	Generalized repunit
55390	$(23151^{5347} - 1)/23150$	23333	x14	08	Generalized repunit
55405	$2^{77291} + 2^{38646} + 1$	23267	O	00	Gaussian Mersenne norm 30
55411	$(V(59936, 1, 4863) + 1)/(V(59936, 1, 3) + 1)$	23220	x25	13	Lehmer primitive part
55447	$(5855^{6121} - 1)/5854$	23058	CH1	05	Generalized repunit
55548	$(V(45366, 1, 4857) + 1)/(V(45366, 1, 3) + 1)$	22604	x25	13	Lehmer primitive part
55590	$(2008^{6781} - 1)/2007$	22393	CH6	10	Generalized repunit
55774	$U(19258, -1, 5039)$	21586	x23	07	Generalized Lucas number
55801	$6380! + 1$	21507	g1	98	Factorial
55884	$(V(23354, 1, 4869) - 1)/(V(23354, 1, 9) - 1)$	21231	x25	13	Lehmer primitive part
55885	$(19979^{4933} - 1)/19978$	21211	x14	11	Generalized repunit
55914	$U(15631, 1, 5040) - U(15631, 1, 5039)$	21134	x25	03	Lehmer number
56070	[ Long prime 56070 ]	20562	FE1	06	ECPP, Mills' prime
56129	$U(11200, -1, 5039)$	20400	x25	04	Generalized Lucas number, cyclotomy
56358	$U(8454, -1, 5039)$	19785	x25	13	Generalized Lucas number
56367	$(9473^{4969} - 1)/9472$	19756	CH2	08	Generalized repunit
57253	$(14261^{4663} - 1)/14260$	19367	x14	07	Generalized repunit
57424	$U(6584, -1, 5039)$	19238	x23	07	Generalized Lucas number
57603	$\text{Phi}(741, -63847^9)/44250132909040111$	18666	c54	13	ECPP
57609	$587 \cdot 43103\#/2310 + 657402$	18662	c35	13	ECPP Certified by PRIMO
57610	$587 \cdot 43103\#/2310 - 455704$	18662	c35	13	ECPP
57630	$2^{61792} + 21661$	18602	c61	12	ECPP
57833	$42209\# + 1$	18241	p8	99	Primorial
58335	$(V(46662, 1, 3879) - 1)/(V(46662, 1, 9) - 1)$	18069	x25	12	Lehmer primitive part
58374	$7457 \cdot 2^{59659} + 1$	17964	Y	97	Cullen
58672	$U(9657, 1, 4321) - U(9657, 1, 4320)$	17215	x23	05	Lehmer number
58722	$U(81839)$	17103	p54	01	Fibonacci number
58733	$V(81671)$	17069	c66	13	Lucas number, ECPP
58771	$2^{56366} + 39079$	16968	c61	12	ECPP
58791	$39161\#/2310 - 510478$	16901	c35	13	ECPP
58884	$6521953289619 \cdot 2^{55555} + 1$	16737	p296	13	Triplet (3)
58885	$6521953289619 \cdot 2^{55555} - 1$	16737	p296	13	Triplet (2)
58886	$6521953289619 \cdot 2^{55555} - 5$	16737	c58	13	Triplet (1), ECPP
58930	$U(15823, 1, 3960) - U(15823, 1, 3959)$	16625	x25	02	Lehmer number, cyclotomy

rank	description	digits	who	year	comment
58995	$U(10803, 1, 4081) -$ $U(10803, 1, 4080)$	16457	x25	05	Lehmer number, cyclotomy
59032	$U(11091, -1, 4049)$	16375	CH3	05	Generalized Lucas number
59079	$(V(21151, 1, 3777) -$ $1)/(V(21151, 1, 3) - 1)$	16324	x25	11	Lehmer primitive part
59115	$U(2554, -1, 4751)$	16185	CH3	05	Generalized Lucas number
59139	$U(1599, -1, 5039)$	16141	x23	07	Generalized Lucas number
59200	$U(2878, 1, 4620) -$ $U(2878, 1, 4619)$	15978	x25	13	Lehmer number
59201	$U(10853, 1, 3960) +$ $U(10853, 1, 3959)$	15977	x25	02	Lehmer number, cyclotomy
59371	" $\tau(673^{1018})$ "	15834	c65	13	ECPP
59392	$U(9667, 1, 3960) -$ $U(9667, 1, 3959)$	15778	x25	02	Lehmer number, cyclotomy
59410	$\Phi(2949, -100000000)$	15713	c47	13	Unique, ECPP
59414	$U(14257, -1, 3779)$	15694	x25	04	Generalized Lucas number, cyclotomy
59482	[ Long prime 59482 ]	15537	x38	09	Lehmer primitive part
59561	$(V(824, 1, 5277) -$ $1)/(V(824, 1, 3) - 1)$	15379	x25	13	Lehmer primitive part
59591	$\Phi(285, -26371^{24})/13082397832081$	15267	c54	12	ECPP
59604	$U(13283, 1, 3697) +$ $U(13283, 1, 3696)$	15240	x25	11	Lehmer number
59617	$72^{8192} + 43^{8192}$	15216	c60	12	ECPP
59797	$2638^{4405} + 4405^{2638}$	15071	FE3	04	ECPP
60527	$1008075799 \cdot 34687\# + 1$	15004	p252	10	Arithmetic progression ( $4, d = 2571033 \cdot 34687\#$ )
60563	$(V(42995, 1, 3231) +$ $1)/(V(42995, 1, 9) + 1)$	14929	x25	12	Lehmer primitive part
60576	$U(8747, 1, 3780) +$ $U(8747, 1, 3779)$	14897	x25	05	Lehmer number
60581	$(2147483647^{1597} -$ $1)/1361551397315358942$	14885	FE7	09	ECPP
60598	$\Phi(5015, -10000)$	14848	c47	13	Unique, ECPP
60608	$U(25700, 1, 3360) +$ $U(25700, 1, 3359)$	14813	x25	04	Lehmer number, cyclotomy
60609	$2^{49207} - 2^{24604} + 1$	14813	x16	00	Gaussian Mersenne norm 29
60668	" $\tau(643^{952})$ "	14703	FE1	11	ECPP
60678	$(V(8003, 1, 3771) +$ $1)/(V(8003, 1, 9) + 1)$	14685	x25	13	Lehmer primitive part
60689	$U(1493, -1, 4621)$	14665	CH3	05	Generalized Lucas number
60703	$U(7431, 1, 3781) -$ $U(7431, 1, 3780)$	14633	x25	13	Lehmer number
60705	$U(4951, 1, 3960) -$ $U(4951, 1, 3959)$	14628	CH3	05	Lehmer number
60780	$U(6571, 1, 3781) -$ $U(6571, 1, 3780)$	14431	x25	13	Lehmer number
60881	$U(6396, 1, 3781) +$ $U(6396, 1, 3780)$	14387	x25	13	Lehmer number

rank	description	digits	who	year	comment
60884	$U(12924, -12925, 3499)$	14382	x25	05	Generalized Lucas number
60939	$U(12113, -1, 3499)$	14284	CH3	05	Generalized Lucas number
60946	$U(5192, 1, 3841) -$ $U(5192, 1, 3840)$	14267	x23	05	Lehmer number
60963	$U(2441, -1, 4201)$	14228	CH3	05	Generalized Lucas number
60969	$U(3865, 1, 3960) +$ $U(3865, 1, 3959)$	14202	x25	02	Lehmer number, cyclotomy
61068	$(V(5111, 1, 3789) +$ $1)/(V(5111, 1, 9) + 1)$	14019	x25	13	Lehmer primitive part
61072	$(V(5763, 1, 3753) +$ $1)/(V(5763, 1, 27) + 1)$	14013	x25	11	Lehmer primitive part
61139	[ Long prime 61139 ]	13956	c54	13	ECPP
61236	$(V(5132, 1, 3753) +$ $1)/(V(5132, 1, 27) + 1)$	13825	x25	11	Lehmer primitive part
61275	$U(4432, 1, 3780) -$ $U(4432, 1, 3779)$	13781	x25	13	Lehmer number
61308	$(V(4527, 1, 3771) +$ $1)/(V(4527, 1, 9) + 1)$	13754	x25	13	Lehmer primitive part
61406	$U(3645, 1, 3841) -$ $U(3645, 1, 3840)$	13677	x25	05	Lehmer number
61428	[ Long prime 61428 ]	13657	c64	13	Irregular, ECPP
61542	$U(13373, 1, 3300) -$ $U(13373, 1, 3299)$	13613	x25	11	Lehmer number
61556	$U(11194, -11195, 3361)$	13605	x25	04	Generalized Lucas number
61657	$263821581 \cdot 2^{45001} - 487069965 \cdot$ $2^{25002} - 1$	13556	p199	10	Arithmetic progression ( $4, d =$ $87940527 \cdot 2^{45001} - 487069965 \cdot$ $2^{25001}$ )
61658	$4103163 \cdot 2^{45007} - 183009063 \cdot$ $2^{25003} - 1$	13556	p199	10	Arithmetic progression ( $4, d =$ $1367721 \cdot 2^{45007} - 183009063 \cdot$ $2^{25002}$ )
61675	$664227 \cdot 2^{45001} - 21037539 \cdot 2^{25006} -$ $1$	13553	p199	10	Arithmetic progression ( $4, d =$ $221409 \cdot 2^{45001} - 21037539 \cdot 2^{25005}$ )
61683	$U(2219, -1, 4049)$	13546	CH3	05	Generalized Lucas number
61763	$U(475, -1, 5039)$	13486	x25	03	Generalized Lucas number, cy- clotomy
61780	$(V(3813, 1, 3771) -$ $1)/(V(3813, 1, 9) - 1)$	13473	x25	11	Lehmer primitive part
62020	$(V(3476, 1, 3771) -$ $1)/(V(3476, 1, 9) - 1)$	13322	x25	11	Lehmer primitive part
62025	$(V(3755, 1, 3753) -$ $1)/(V(3755, 1, 27) - 1)$	13319	x25	11	Lehmer primitive part
62218	$(V(3177, 1, 3771) -$ $1)/(V(3177, 1, 9) - 1)$	13175	x25	11	Lehmer primitive part
62278	$(V(3088, 1, 3771) +$ $1)/(V(3088, 1, 9) + 1)$	13129	x25	11	Lehmer primitive part
62404	$U(7537, -7538, 3361)$	13028	x23	07	Generalized Lucas number
62410	$U(7512, -7513, 3361)$	13023	x25	04	Generalized Lucas number
62426	$U(2783, -1, 3779)$	13014	CH3	05	Generalized Lucas number
62576	$(2^{42737} + 1)/3$	12865	M	07	ECPP, generalized Lucas num- ber, Wagstaff

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62759	$(V(49596, 1, 3375) + 1)/(V(49596, 1, 675) + 1)$	12678	x25	06	Lehmer primitive part
62938	[ Long prime 62938 ]	12533	c63	13	Irregular, ECPP
63015	[ Long prime 63015 ]	12459	c54	12	Mersenne cofactor, ECPP
63125	[ Long prime 63125 ]	12395	c59	12	Mersenne cofactor, ECPP
63375	$p(120052058)$	12198	c59	12	Partitions, ECPP
63951	$primV(57724)$	12063	p54	01	Lucas primitive part, cyclotomy
64381	$V(56003)$	11704	p193	06	Lucas number
64604	$primU(67825)$	11336	x23	07	Fibonacci primitive part
64642	$3610! - 1$	11277	C	93	Factorial
64736	$p(100077222)$	11136	c59	12	Partitions, ECPP
64847	$3507! - 1$	10912	C	92	Factorial
64914	[ Long prime 64914 ]	10763	c64	13	Irregular, ECPP
64937	$primV(77058)$	10729	CH3	05	Lucas primitive part
64952	$V(51169)$	10694	p54	01	Lucas number
64993	$Phi(13285, -10)$	10625	c47	12	Unique, ECPP
64994	$U(50833)$	10624	CH4	05	Fibonacci number
65026	$p(90048122)$	10563	c59	12	Partitions, ECPP
65091	$primV(77841)$	10496	x25	05	Lucas primitive part
65100	$914546877 \cdot 2^{34774} - 1$	10477	L983	10	Cunningham chain ( $4p + 3$ )
65101	$914546877 \cdot 2^{34773} - 1$	10477	L983	10	Cunningham chain ( $2p + 1$ )
65102	$914546877 \cdot 2^{34772} - 1$	10477	L983	10	Cunningham chain ( $p$ )
65155	$24029\# + 1$	10387	C	93	Primorial
65181	$6 \cdot Bern(4306)/2153$	10342	FE8	09	Irregular, ECPP
65200	$V(49391)/298414424560419239$	10305	c8	13	Lucas cofactor, ECPP
65218	$23801\# + 1$	10273	C	93	Primorial
65327	$p(82479677)$	10109	c59	12	Partitions, ECPP
65336	$p(82352631)$	10101	c56	12	Partitions, ECPP
65346	$81505264551807 \cdot 2^{33444} + 5$	10082	c58	12	Triplet (3), ECPP
65347	$81505264551807 \cdot 2^{33444} + 1$	10082	p296	12	Triplet (2)
65348	$81505264551807 \cdot 2^{33444} - 1$	10082	p296	12	Triplet (1)
65354	$Phi(427, -10^{28})$	10081	FE9	09	Unique, ECPP
65376	$2072644824759 \cdot 2^{33333} + 5$	10047	FE5	08	Triplet (3), ECPP
65377	$2072644824759 \cdot 2^{33333} + 1$	10047	L645	08	Triplet (2)
65378	$2072644824759 \cdot 2^{33333} - 1$	10047	L645	08	Triplet (1)
65707	$p(80036992)$	9958	c46	11	Partitions, ECPP
65817	$32469 \cdot 2^{32469} + 1$	9779	MM	97	Cullen
65819	$(2^{32531} - 1)/(65063 \cdot 25225122959)$	9778	c60	12	Mersenne cofactor, ECPP
65845	$8073 \cdot 2^{32294} + 1$	9726	MM	97	Cullen
65921	$V(45953)/4561241750239$	9591	c56	12	Lucas cofactor, ECPP
65977	$Phi(5161, -100)$	9505	c47	12	Unique, ECPP
66131	$V(44507)$	9302	CH3	05	Lucas number
66285	$p(67230446)$	9126	c56	11	Partitions, ECPP
66498	[ Long prime 66498 ]	9010	c8	13	Fibonacci cofactor, ECPP
66621	[ Long prime 66621 ]	8835	c59	12	Mersenne cofactor, ECPP
66664	$U(42043)/1681721$	8780	c56	12	Fibonacci cofactor, ECPP
66747	$(2^{28771} - 1)/104726441$	8653	c56	12	Mersenne cofactor, ECPP
66750	$(2^{28759} - 1)/226160777$	8649	c60	12	Mersenne cofactor, ECPP
66838	$Phi(6105, -1000)$	8641	c47	10	Unique, ECPP
66854	$p(60016427)$	8622	c46	11	Partitions, ECPP

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67021	$\text{Phi}(4667, -100)$	8593	c47	09	Unique, ECPP
67216	$\text{prim}U(46711)$	8367	c8	13	Fibonacci primitive part, ECPP
67299	$2^{27529} - 2^{13765} + 1$	8288	O	00	Gaussian Mersenne norm 28
67303	$\text{prim}B(148605)$	8282	c8	13	Lucas Aurifeuillian primitive part, ECPP
67304	$903445893 \cdot 6^{10628} + 5$	8280	c67	13	Triplet (3)
67305	$903445893 \cdot 6^{10628} + 1$	8280	p364	13	Triplet (2)
67306	$903445893 \cdot 6^{10628} - 1$	8280	p364	13	Triplet (1)
67311	$V(39607)/158429$	8273	c46	11	Lucas cofactor, ECPP
67352	$p(54534155)$	8219	c56	11	Partitions, ECPP
67367	$\text{prim}B(103645)$	8202	c8	13	Lucas Aurifeuillian primitive part, ECPP
67382	$\text{prim}V(39124)$	8176	CH3	05	Lucas primitive part
67383	$379185609 \cdot 2^{27129} - 1$	8176	L983	09	Cunningham chain ( $4p + 3$ )
67385	$379185609 \cdot 2^{27128} - 1$	8175	L983	09	Cunningham chain ( $2p + 1$ )
67386	$379185609 \cdot 2^{27127} - 1$	8175	L983	09	Cunningham chain (p)
67389	$\text{prim}U(62373)$	8173	c8	13	Fibonacci primitive part, ECPP
67397	$\text{prim}B(119945)$	8165	c8	13	Lucas Aurifeuillian primitive part, ECPP
67426	$82659189 \cdot 2^{26999} + 1$	8136	L983	10	Cunningham chain 2nd kind ( $4p - 3$ )
67429	$173028555 \cdot 2^{26995} + 1$	8135	L983	10	Cunningham chain 2nd kind ( $4p - 3$ )
67439	$\text{prim}B(99835)$	8126	c8	13	Lucas Aurifeuillian primitive part, ECPP
67473	$\text{prim}B(96545)$	8070	c8	13	Lucas Aurifeuillian primitive part, ECPP
67482	[ Long prime 67482 ]	8063	c55	11	Mersenne cofactor, ECPP
67532	$p(51831641)$	8012	c56	11	Partitions, ECPP
67543	$18523\# + 1$	8002	D	89	Primorial
67554	$42989535 \cdot 2^{26545} + 1$	7999	L983	10	Cunningham chain 2nd kind ( $4p - 3$ )
67572	$\text{prim}U(43121)$	7975	c8	13	Fibonacci primitive part, ECPP
67589	[ Long prime 67589 ]	7945	c8	13	Irregular, ECPP
67597	$164210699973 \cdot 2^{26328} - 1$	7937	p158	06	Cunningham chain ( $4p + 3$ )
67599	$164210699973 \cdot 2^{26327} - 1$	7937	p158	06	Cunningham chain ( $2p + 1$ )
67600	$164210699973 \cdot 2^{26326} - 1$	7937	p158	06	Cunningham chain (p)
67616	[ Long prime 67616 ]	7906	c39	12	Fibonacci cofactor, ECPP
67644	$p(50001890)$	7869	c46	11	Partitions, ECPP
67660	$U(37511)$	7839	x13	05	Fibonacci number
67691	$\text{prim}B(145545)$	7824	c8	13	Lucas Aurifeuillian primitive part, ECPP
67699	$\text{prim}V(56058)$	7810	c8	13	Lucas primitive part, ECPP
67713	$V(37357)/20210113386303842894568629$	7782	c8	13	Lucas cofactor, ECPP
67725	$U(37217)/4466041$	7771	c46	11	Fibonacci cofactor, ECPP
67737	$-E(2762)/2670541$	7760	c11	04	Euler irregular, ECPP
67821	$V(36779)$	7687	CH3	05	Lucas number
67995	$\text{prim}V(36536)$	7634	c8	13	Lucas primitive part, ECPP
68245	$122248047 \cdot 2^{25001} - 1$	7535	p54	13	Consecutive primes arithmetic progression ( $3, d = 7830$ )



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68246	$122248047 \cdot 2^{25001} - 7831$	7535	c8	13	ECPP, consecutive primes arithmetic progression ( $2, d = 7830$ )
68247	$122248047 \cdot 2^{25001} - 15661$	7535	c8	13	ECPP, consecutive primes arithmetic progression ( $1, d = 7830$ )
68249	$197418203 \cdot 2^{25000} + 6089$	7535	FE4	05	ECPP, consecutive primes arithmetic progression ( $3, d = 6090$ )
68250	$197418203 \cdot 2^{25000} - 1$	7535	p164	05	Consecutive primes arithmetic progression ( $2, d = 6090$ )
68251	$197418203 \cdot 2^{25000} - 6091$	7535	FE4	05	ECPP, consecutive primes arithmetic progression ( $1, d = 6090$ )
68252	$192335307 \cdot 2^{25000} + 5129$	7535	c8	13	ECPP, consecutive primes arithmetic progression ( $3, d = 5130$ )
68253	$192335307 \cdot 2^{25000} - 1$	7535	p54	13	Consecutive primes arithmetic progression ( $2, d = 5130$ )
68254	$192335307 \cdot 2^{25000} - 5131$	7535	c8	13	ECPP, consecutive primes arithmetic progression ( $1, d = 5130$ )
68306	$U(35999)$	7523	p54	01	Fibonacci number, cyclotomy
68325	$\Phi(4029, -1000)$	7488	c47	09	Unique, ECPP
68416	$V(35449)$	7409	p12	01	Lucas number
68421	$87 \cdot 2^{24582} + 2579$	7402	c31	04	ECPP, consecutive primes arithmetic progression ( $3, d = 1290$ )
68422	$87 \cdot 2^{24582} + 1289$	7402	c31	04	ECPP, consecutive primes arithmetic progression ( $2, d = 1290$ )
68423	$87 \cdot 2^{24582} - 1$	7402	g106	99	Consecutive primes arithmetic progression ( $1, d = 1290$ ) [c31]
68550	$V(35107)/525110138418084707309$	7317	c8	13	Lucas cofactor, ECPP
68552	$\text{prim}A(161595)$	7313	c8	13	Lucas Aurifeuillian primitive part, ECPP
68652	$U(34897)/4599458691503517435329$	7272	c8	13	Fibonacci cofactor, ECPP
68675	$V(34759)/27112021$	7257	c33	05	Lucas cofactor, ECPP
68769	[ Long prime 68769 ]	7239	c8	13	Fibonacci cofactor, ECPP
68827	$\text{prim}V(52779)$	7223	c8	13	Lucas primitive part, ECPP
68832	$U(34607)/13088506284255296513$	7213	c8	13	Fibonacci cofactor, ECPP
68869	$\Phi(9455, -10)$	7200	c33	05	Unique, ECPP
68911	$\text{prim}V(37193)$	7173	c8	13	Lucas primitive part, ECPP
68915	$\Phi(1479, -100000000)$	7168	c47	09	Unique, ECPP
68934	$\text{prim}B(134415)$	7163	c8	13	Lucas Aurifeuillian primitive part, ECPP
68967	$p(41197951)$	7142	c56	11	Partitions, ECPP
69377	$\text{prim}V(36647)$	7067	c8	13	Lucas primitive part, ECPP
69387	$\text{prim}V(34532)$	7063	c8	13	Lucas primitive part, ECPP
69403	[ Long prime 69403 ]	7053	c8	13	Fibonacci cofactor, ECPP
69412	$p(40100918)$	7047	c46	11	Partitions, ECPP
69558	$\text{prim}U(48965)$	7012	c8	13	Fibonacci primitive part, ECPP
69562	$164084347 \cdot 16229\# + 1$	7009	p155	09	Arithmetic progression ( $5, d = 20333209 \cdot 16229\#$ )
69578	$p(39576498)$	7000	c56	11	Partitions, ECPP
69660	$V(33353)/279902102741094707003083072429$	6941	c8	13	Lucas cofactor, ECPP
69669	$\text{prim}A(82975)$	6935	p54	01	Lucas Aurifeuillian primitive part

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69680	$23005 \cdot 2^{23005} - 1$	6930	Y	97	Woodall
69693	$22971 \cdot 2^{22971} - 1$	6920	Y	97	Woodall
69699	$2852851249 \cdot 16001\#/5 + 1$	6913	p199	08	Arithmetic progression ( $5, d = 2653152 \cdot 16001\#$ )
69704	$2399771561 \cdot 16001\#/5 + 1$	6913	p199	08	Arithmetic progression ( $5, d = 86574302 \cdot 16001\#$ )
69706	$1638535589 \cdot 16001\#/5 + 1$	6913	p199	08	Arithmetic progression ( $5, d = 2003735 \cdot 16001\#$ )
69713	$\text{Phi}(2405, -10000)$	6912	c47	09	Unique, ECPP
69783	$15877\# - 1$	6845	CD	92	Primorial
69788	$\text{Phi}(10887, 10)$	6841	c33	05	Unique, ECPP
69803	$\text{prim}U(58773)$	6822	c8	13	Fibonacci primitive part, ECPP
69817	$\text{prim}V(33142)$	6802	c8	13	Lucas primitive part, ECPP
69868	$\text{prim}V(48381)$	6741	x23	05	Lucas primitive part
69871	$\text{prim}U(40295)$	6737	p12	01	Fibonacci primitive part
69945	[ Long prime 69945 ]	6669	c8	13	Fibonacci cofactor, ECPP
69972	[ Long prime 69972 ]	6637	c8	13	Irregular, ECPP
70003	$\text{prim}V(39700)$	6621	p54	01	Lucas primitive part
70042	$\text{prim}V(50046)$	6591	c8	13	Lucas primitive part, ECPP
70197	$\text{prim}A(123405)$	6502	c8	13	Lucas Aurifeuillian primitive part, ECPP
70252	$1797706581 \cdot 2^{21355} - 1$	6438	L100	12	Cunningham chain ( $4p + 3$ )
70254	$1797706581 \cdot 2^{21354} - 1$	6438	L100	12	Cunningham chain ( $2p + 1$ )
70255	$1797706581 \cdot 2^{21353} - 1$	6438	L100	12	Cunningham chain (p)
70266	$U(30757)$	6428	p54	01	Fibonacci number, cyclotomy
70272	[ Long prime 70272 ]	6425	c8	13	Lucas cofactor, ECPP
70311	$U(30727)/2281521813578534245193$	6400	c8	13	Fibonacci cofactor, ECPP
70315	$U(30671)/1141737296775689$	6395	c41	05	Fibonacci cofactor, ECPP
70398	$\text{prim}V(53256)$	6340	c8	13	Lucas primitive part, ECPP
70472	$\text{Phi}(7357, -10)$	6301	c33	04	Unique, ECPP
70517	$\text{prim}V(60333)$	6260	c8	13	Lucas primitive part, ECPP
70535	$\text{Phi}(6437, 10)$	6240	c47	08	Unique, ECPP
70547	[ Long prime 70547 ]	6229	c4	09	Mersenne cofactor, ECPP
70554	$5612052289 \cdot 14489\#/5 + 5$	6223	c18	08	Triplet (3), ECPP
70555	$5612052289 \cdot 14489\#/5 + 1$	6223	p41	08	Triplet (2)
70556	$5612052289 \cdot 14489\#/5 - 1$	6223	p41	08	Triplet (1)
70608	$\text{prim}A(118275)$	6170	c8	13	Lucas Aurifeuillian primitive part, ECPP
70643	$\text{prim}V(35483)$	6140	c8	13	Lucas primitive part, ECPP
70662	$p(30248445)$	6119	c46	11	Partitions, ECPP
70663	$p(30245335)$	6119	c46	11	Partitions, ECPP
70664	$p(30244992)$	6119	c46	11	Partitions, ECPP
70668	$p(30191251)$	6113	c46	11	Partitions, ECPP
70673	$p(30158067)$	6110	c46	11	Partitions, ECPP
70675	$p(30147428)$	6109	c46	11	Partitions, ECPP
70691	$\text{prim}V(43773)$	6099	c8	13	Lucas primitive part, ECPP
70704	$4811 \cdot 2^{20219} + 1$	6091	DM	96	Consecutive primes arithmetic progression ( $3, d = 3738$ ) [c36]
70705	$4811 \cdot 2^{20219} - 3737$	6091	c36	04	ECPP, consecutive primes arithmetic progression ( $2, d = 3738$ )

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70706	$4811 \cdot 2^{20219} - 7475$	6091	c36	04	ECPP, consecutive primes arithmetic progression ( $1, d = 3738$ )
70723	<i>primU</i> (43653)	6082	CH7	10	Fibonacci primitive part
70790	<i>primV</i> (29657)	6057	c11	09	Lucas primitive part, ECPP
70848	$3020255265 \cdot 2^{20025} - 1$	6038	p133	05	Cunningham chain ( $4p + 3$ )
70850	$3020255265 \cdot 2^{20024} - 1$	6038	p133	05	Cunningham chain ( $2p + 1$ )
70851	$3020255265 \cdot 2^{20023} - 1$	6038	p133	05	Cunningham chain (p)
71042	<i>primU</i> (70455)	6019	c8	13	Fibonacci primitive part, ECPP
71048	$E(2220)/392431891068600713525$	6011	c8	13	Euler irregular, ECPP
71078	<i>primB</i> (83825)	5994	c8	13	Lucas Aurifeuillian primitive part, ECPP
71140	<i>primU</i> (43359)	5939	c8	13	Fibonacci primitive part, ECPP
71142	[ Long prime 71142 ]	5938	c8	13	Euler irregular, ECPP
71181	<i>primU</i> (28667)	5914	c8	13	Fibonacci primitive part, ECPP
71250	$U(28277)/347428330081374457$	5892	c8	13	Fibonacci cofactor, ECPP
71273	$13649\# + 1$	5862	D	87	Primorial
71287	$55339803 \cdot 2^{19402} + 1$	5849	L983	09	Cunningham chain 2nd kind ( $4p - 3$ )
71321	<i>primB</i> (104385)	5816	c8	13	Lucas Aurifeuillian primitive part, ECPP
71343	$V(27827)/3579579016301$	5803	c4	11	Lucas cofactor, ECPP
71453	[ Long prime 71453 ]	5701	c8	13	Irregular, ECPP
71455	<i>primB</i> (72505)	5699	c8	13	Lucas Aurifeuillian primitive part, ECPP
71466	$18885 \cdot 2^{18885} - 1$	5690	K	87	Woodall
71608	$1963! - 1$	5614	CD	92	Factorial
71613	$13033\# - 1$	5610	CD	92	Primorial
71648	$289 \cdot 2^{18502} + 1$	5573	K	84	Cullen, generalized Fermat
71712	[ Long prime 71712 ]	5521	c8	13	Fibonacci cofactor, ECPP
71738	<i>primU</i> (39489)	5502	c8	13	Fibonacci primitive part, ECPP
71750	<i>primU</i> (27721)	5485	c8	13	Fibonacci primitive part, ECPP
71754	$V(26309)/42316339086094085101$	5479	c8	13	Lucas cofactor, ECPP
71865	$E(2028)/11246153954845684745$	5412	c55	11	Euler irregular, ECPP
71912	$387977793 \cdot 2^{17866} + 1$	5387	L983	09	Cunningham chain 2nd kind ( $4p - 3$ )
72128	[ Long prime 72128 ]	5364	c8	13	Lucas cofactor, ECPP
72190	[ Long prime 72190 ]	5354	c63	13	Irregular ECPP
72261	$U(25561)$	5342	p54	01	Fibonacci number
72299	[ Long prime 72299 ]	5338	c8	13	Lucas cofactor, ECPP
72318	$V(25577)/147374713548027019$	5329	c4	11	Lucas cofactor, ECPP
72358	<i>primB</i> (65305)	5298	c8	13	Lucas Aurifeuillian primitive part, ECPP
72367	<i>primB</i> (63235)	5287	c8	13	Lucas Aurifeuillian primitive part, ECPP
72380	[ Long prime 72380 ]	5274	c4	09	Mersenne cofactor, ECPP
72397	[ Long prime 72397 ]	5258	c8	13	Euler irregular, ECPP
72618	<i>primB</i> (108465)	5177	c8	13	Lucas Aurifeuillian primitive part, ECPP
72652	<i>primA</i> (92445)	5151	c8	13	Lucas Aurifeuillian primitive part, ECPP

rank	description	digits	who	year	comment
72673	$primA(65365)$	5137	c8	13	Lucas Aurifeuillian primitive part, ECPP
72684	$primA(92145)$	5134	c8	13	Lucas Aurifeuillian primitive part, ECPP
72709	[ Long prime 72709 ]	5132	p179	07	Arithmetic progression ( $5, d = (681402540 \cdot 205881 \cdot 4001\# \cdot (205881 \cdot 4001\# + 1) \cdot (205881 \cdot 4001\# - 1)/35)$ )
72803	$(2^{17029} - 1)/418879343$	5118	c8	06	Mersenne cofactor, ECPP
72931	$33957462 \cdot Bern(2370)/40685$	5083	c11	03	Irregular, ECPP
73690	$11549\# + 1$	4951	D	86	Primorial
74115	[ Long prime 74115 ]	4896	c8	13	Lucas cofactor, ECPP
74204	[ Long prime 74204 ]	4812	c4	11	Euler irregular, ECPP
74238	$7911 \cdot 2^{15823} - 1$	4768	K	87	Woodall
74256	$V(22811)/(2469062641 \cdot 84961206854418761)$	4741	c8	04	Lucas cofactor, ECPP
74294	$primU(25493)$	4695	c8	07	Fibonacci primitive part, ECPP
74635	$Phi(6685, -10)$	4560	c8	03	Unique, ECPP
74823	[ Long prime 74823 ]	4498	c4	04	Euler irregular, ECPP
74846	[ Long prime 74846 ]	4479	c8	04	Fibonacci cofactor, ECPP
74871	$primU(34593)$	4444	c8	07	Fibonacci primitive part, ECPP
74884	$2^{14699} + 2^{7350} + 1$	4425	O	00	Gaussian Mersenne norm 27
74893	$primU(38181)$	4414	c8	07	Fibonacci primitive part, ECPP
74943	$(2^{14561} - 1)/8074991336582835391$	4365	c8	04	Mersenne cofactor, ECPP
74944	[ Long prime 74944 ]	4365	c4	08	Mersenne cofactor, ECPP
74948	$Phi(3273, -100)$	4361	c8	03	Unique, ECPP
74950	$(2^{14479} + 1)/3$	4359	c4	04	Generalized Lucas number, Wagstaff, ECPP
74969	$Phi(1087, -10000)$	4344	c8	02	Unique, ECPP
75123	$U(20749)/40143391315257666998313330569$	4308	c8	13	Fibonacci cofactor, ECPP
75163	$primU(21053)$	4274	c8	07	Fibonacci primitive part, ECPP
75170	$primU(31209)$	4264	c8	07	Fibonacci primitive part, ECPP
75215	$Phi(483, -10^{16})$	4224	c8	02	Unique, ECPP
75231	[ Long prime 75231 ]	4200	c8	03	Irregular, ECPP
75232	$primU(25115)$	4199	CH3	05	Fibonacci primitive part
75261	$primU(30687)$	4173	c8	07	Fibonacci primitive part, ECPP
75362	[ Long prime 75362 ]	4099	c8	13	Fibonacci cofactor, ECPP
75363	$U(19709)/5442947509995472691549$	4097	c8	13	Fibonacci cofactor, ECPP
75396	$V(19469)$	4069	x25	02	Lucas number, cyclotomy, APR-CL assisted
75439	$1477! + 1$	4042	D	84	Factorial
75666	[ Long prime 75666 ]	4002	c8	04	Fibonacci cofactor, ECPP
75685	$U(19051)/44198321$	3974	c8	04	Fibonacci cofactor, ECPP
75710	$U(18919)/1497228584233$	3942	c8	04	Fibonacci cofactor, ECPP
75730	$Phi(1959, 1000)$	3912	c8	02	Unique, ECPP
75763	$-2730 \cdot Bern(1884)/100983617849$	3844	c8	03	Irregular, ECPP
75781	$2840178 \cdot Bern(1870)/85$	3821	c8	03	Irregular, ECPP
75843	$Phi(955, -100000)$	3801	c8	02	Unique, ECPP

rank	description	digits	who	year	comment
75869	[ Long prime 75869 ]	3734	c8	03	Irregular, ECPP
75871	$12379 \cdot 2^{12379} - 1$	3731	K	84	Woodall
75872	$(2^{12391} + 1)/3$	3730	M	96	Generalized Lucas number, Wagstaff
75959	[ Long prime 75959 ]	3708	c4	08	Mersenne cofactor, ECPP
75987	[ Long prime 75987 ]	3682	c8	13	Euler irregular, ECPP
75995	[ Long prime 75995 ]	3671	c4	03	Euler irregular, ECPP
76018	$642 \cdot \text{Bern}(1802)/15720728189$	3641	c8	03	Irregular, ECPP
76115	$V(17029)/(9570299 \cdot 495749440031)$	3541	c8	04	Lucas cofactor, ECPP
76136	$(2^{11813} - 1)/(70879 \cdot 207971134271377)$	3537	c8	02	Mersenne cofactor, ECPP
76294	$305136484659 \cdot 2^{11399} + 7$	3443	c67	13	Quadruplet (4)
76295	$305136484659 \cdot 2^{11399} + 5$	3443	c67	13	Quadruplet (3)
76296	$305136484659 \cdot 2^{11399} + 1$	3443	p364	13	Quadruplet (2)
76297	$305136484659 \cdot 2^{11399} - 1$	3443	p364	13	Quadruplet (1)
77081	$(2^{11279} + 1)/3$	3395	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
77280	$722047383902589 \cdot 2^{11111} + 7$	3360	c26	13	Quadruplet (4)
77281	$722047383902589 \cdot 2^{11111} + 5$	3360	c26	13	Quadruplet (3)
77282	$722047383902589 \cdot 2^{11111} + 1$	3360	L165	13	Quadruplet (2)
77283	$722047383902589 \cdot 2^{11111} - 1$	3360	L165	13	Quadruplet (1)
77368	[ Long prime 77368 ]	3284	c4	11	Mersenne cofactor, ECPP
77386	[ Long prime 77386 ]	3247	c8	13	Lucas cofactor, ECPP
77399	$V(15511)/394599841$	3234	c8	04	Lucas cofactor, ECPP
77415	$(2^{10691} + 1)/3$	3218	c4	04	Generalized Lucas number, Wagstaff, ECPP
77471	$V(15269)/1362680053005315326838358326809161$	3161	c8	13	Lucas cofactor, ECPP
77472	$(2^{10501} + 1)/3$	3161	M	96	Generalized Lucas number, Wagstaff
77532	$V(14887)/1256071867381$	3100	c8	04	Lucas cofactor
77588	$2^{10141} + 2^{5071} + 1$	3053	O	00	Gaussian Mersenne norm 26
77647	[ Long prime 77647 ]	3030	c4	10	Mersenne cofactor, ECPP
77653	$43697976428649 \cdot 2^{9999} + 7$	3024	c58	12	Quadruplet (4)
77654	$43697976428649 \cdot 2^{9999} + 5$	3024	c58	12	Quadruplet (3)
77655	$43697976428649 \cdot 2^{9999} + 1$	3024	p349	12	Quadruplet (2)
77656	$43697976428649 \cdot 2^{9999} - 1$	3024	p349	12	Quadruplet (1)
77659	[ Long prime 77659 ]	3022	c8	02	Mersenne cofactor, ECPP
77666	$26997933312 \cdot 7001\# + 7811555753$	3020	x38	13	Consecutive primes arithmetic progression (4, $d = 30$ ), ECPP
77670	$25506692100 \cdot 7001\# + 7811555783$	3020	x38	13	Consecutive primes arithmetic progression (4, $d = 30$ ), ECPP
77674	$V(14449)$	3020	DK	95	Lucas number
77678	$3124777373 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression (7, $d = 481789017 \cdot 7001\#$ )
77679	$2996180304 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression (6, $d = 46793757 \cdot 7001\#$ )
77681	$2946259686 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression (6, $d = 313558156 \cdot 7001\#$ )
77682	$2915000572 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression (6, $d = 3093612 \cdot 7001\#$ )

rank	description	digits	who	year	comment
77686	$2903168860 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ( $6, d = 370654742 \cdot 7001\#$ )
77690	$2884761225 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ( $6, d = 46112185 \cdot 7001\#$ )
78195	$U(14431)$	3016	p54	01	Fibonacci number
78425	[ Long prime 78425 ]	2979	c8	02	Mersenne cofactor, ECPP
78542	$V(13963)$	2919	c11	02	Lucas number, ECPP
78581	[ Long prime 78581 ]	2888	c8	02	Mersenne cofactor, ECPP
78601	[ Long prime 78601 ]	2876	c4	01	Mersenne cofactor, ECPP
78604	$9531 \cdot 2^{9531} - 1$	2874	K	84	Woodall
78637	$9992783016 \cdot 6599\# - 1$	2836	p295	11	Cunningham chain ( $8p + 7$ )
78649	[ Long prime 78649 ]	2829	c8	13	Euler irregular, ECPP
78665	$6569\# - 1$	2811	D	92	Primorial
79313	$-E(1078)/361898544439043$	2578	c4	02	Euler irregular, ECPP
79324	$198267970563 \cdot 6007\# + 7811555753$	2575	x38	13	Consecutive primes arithmetic progression ( $4, d = 30$ ), ECPP
79328	$153104252515 \cdot 6007\# + 7811555753$	2575	x38	13	Consecutive primes arithmetic progression ( $4, d = 30$ ), ECPP
79334	$60213811936 \cdot 6007\# + 7811555783$	2574	x38	13	Consecutive primes arithmetic progression ( $4, d = 30$ ), ECPP
79553	$V(12251)$	2561	p54	01	Lucas number
80227	$46359065729523 \cdot 2^{8258} + 7$	2500	c26	11	Quadruplet (4)
80228	$46359065729523 \cdot 2^{8258} + 5$	2500	c26	11	Quadruplet (3)
80229	$46359065729523 \cdot 2^{8258} + 1$	2500	L165	11	Quadruplet (2)
80230	$46359065729523 \cdot 2^{8258} - 1$	2500	L165	11	Quadruplet (1)
80305	$974! - 1$	2490	CD	92	Factorial
80786	$E(1028)/(6415 \cdot 56837916301577)$	2433	c4	02	Euler irregular, ECPP
80947	$1367848532291 \cdot 5591\#/35 + 7$	2401	c18	11	Quadruplet (4), ECPP
80948	$1367848532291 \cdot 5591\#/35 + 5$	2401	c18	11	Quadruplet (3), ECPP
80949	$1367848532291 \cdot 5591\#/35 + 1$	2401	p41	11	Quadruplet (2)
80950	$1367848532291 \cdot 5591\#/35 - 1$	2401	p41	11	Quadruplet (1)
81014	$E(1004)/(579851915 \cdot 80533376783)$	2364	c4	02	Euler irregular, ECPP
81025	$953477584 \cdot 5501\# - 1$	2355	p133	05	Cunningham chain ( $8p + 7$ )
81251	$7755 \cdot 2^{7755} - 1$	2339	K	84	Woodall
81773	[ Long prime 81773 ]	2276	c4	02	Irregular, ECPP
81795	$-36870 \cdot \text{Bern}(1228)/1043706675925609$	2272	c4	02	Irregular, ECPP
82015	$V(10691)$	2235	DK	95	Lucas number
82581	$872! + 1$	2188	D	83	Factorial
83417	$5045589688 \cdot 4933\# + 1$	2106	p295	10	Cunningham chain 2nd kind ( $8p - 7$ )
83745	[ Long prime 83745 ]	2069	c4	02	Euler irregular, ECPP
83900	$-E(886)/68689$	2051	c4	02	Euler irregular, ECPP
84010	$4787\# + 1$	2038	D	84	Primorial
84278	$U(9677)$	2023	c2	00	Fibonacci number, ECPP
86114	$6611 \cdot 2^{6611} + 1$	1994	K	84	Cullen
86185	$4583\# - 1$	1953	D	92	Primorial
86207	$U(9311)$	1946	DK	95	Fibonacci number
86227	$4547\# + 1$	1939	D	84	Primorial

rank	description	digits	who	year	comment
86476	$4297\# - 1$	1844	D	92	Primorial
86526	$125848198864 \cdot 4253\# + 1$	1829	p199	10	Cunningham chain 2nd kind ( $8p - 7$ )
86527	$113419228920 \cdot 4253\# + 1$	1829	p199	10	Cunningham chain 2nd kind ( $8p - 7$ )
86530	$45912427272 \cdot 4253\# + 1$	1829	p199	10	Cunningham chain 2nd kind ( $8p - 7$ )
86775	$11628008104 \cdot 4127\# + 1$	1770	p133	05	Cunningham chain 2nd kind ( $8p - 7$ )
86780	$V(8467)$	1770	c2	00	Lucas number, ECPP
86863	$4093\# - 1$	1750	CD	92	Primorial
86875	$5795 \cdot 2^{5795} + 1$	1749	K	84	Cullen
86881	$(2^{5807} + 1)/3$	1748	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
87260	[ Long prime 87260 ]	1640	c62	13	Irregular, ECPP
87333	$V(7741)$	1618	DK	95	Lucas number
87391	$20438086160 \cdot 3733\# - 1$	1605	p295	10	Cunningham chain ( $8p + 7$ )
87395	$17758152104 \cdot 3733\# - 1$	1605	p295	10	Cunningham chain ( $8p + 7$ )
87409	$83 \cdot 2^{5318} - 1$	1603	K	84	Woodall
88901	$4713 \cdot 2^{4713} + 1$	1423	K	84	Cullen
88975	[ Long prime 88975 ]	1418	c4	02	Irregular, ECPP
89165	$460226463 \cdot 3301\# + 1$	1402	p252	10	Arithmetic progression ( $7, d =$ $30017636 \cdot 3301\#$ )
89287	[ Long prime 89287 ]	1391	c8	13	Euler irregular, ECPP
89669	$3229\# + 1$	1368	D	84	Primorial
89701	$580182204072 \cdot 3203\# - 1$	1366	p295	11	Cunningham chain ( $8p + 7$ )
90277	[ Long prime 90277 ]	1343	c4	02	Euler irregular, ECPP
90602	$1233917739 \cdot 3121\# + 1$	1335	p155	10	Arithmetic progression ( $7, d =$ $5893725 \cdot 3121\#$ )
90876	$1461401630 \cdot 3109\# + 1$	1328	p252	09	Arithmetic progression ( $7, d =$ $35777939 \cdot 3109\#$ )
91426	[ Long prime 91426 ]	1311	c4	02	Irregular, ECPP
92373	$833000864 \cdot 3011\# + 1$	1290	p155	06	Arithmetic progression ( $7, d =$ $114858412 \cdot 3011\#$ )
94086	$546! - 1$	1260	D	92	Factorial
95296	$354 \cdot \text{Bern}(754)/(377 \cdot$ $883462452530494157)$	1225	c4	02	Irregular, ECPP
95371	$V(5851)$	1223	DK	95	Lucas number
97184	$68002763264 \cdot 2749\# - 1$	1185	p35	12	Cunningham chain ( $16p + 15$ )
99395	[ Long prime 99395 ]	1143	c8	13	Euler irregular, ECPP
99872	$1290733709840 \cdot 2677\# + 1$	1141	p295	11	Cunningham chain 2nd kind ( $16p - 15$ )
100389	$U(5387)$	1126	WM	90	Fibonacci number
100880	$720128166480 \cdot 2621\# + 1$	1117	p199	10	Cunningham chain 2nd kind ( $16p - 15$ )
101616	$424232794973 \cdot 2593\# + 43789$	1107	c18	09	Quintuplet (5) , ECPP
101617	$424232794973 \cdot 2593\# + 43787$	1107	c18	09	Quintuplet (4) , ECPP
101618	$424232794973 \cdot 2593\# + 43783$	1107	c18	09	Quintuplet (3) , ECPP
101619	$424232794973 \cdot 2593\# + 43781$	1107	c18	09	Quintuplet (2) , ECPP
101620	$424232794973 \cdot 2593\# + 43777$	1107	c18	09	Quintuplet (1) , ECPP

rank	description	digits	who	year	comment
103428	$283534892623 \cdot 2477\# + 1091273$	1069	c18	06	Quintuplet (5), ECPP
103429	$283534892623 \cdot 2477\# + 1091269$	1069	c18	06	Quintuplet (4), ECPP
103430	$283534892623 \cdot 2477\# + 1091267$	1069	c18	06	Quintuplet (3), ECPP
103431	$283534892623 \cdot 2477\# + 1091263$	1069	c18	06	Quintuplet (2), ECPP
103432	$283534892623 \cdot 2477\# + 1091261$	1069	c18	06	Quintuplet (1), ECPP
103647	$(2^{3539} + 1)/3$	1065	M	89	First titanic by ECPP, generalized Lucas number, Wagstaff
103864	$-E(510)$	1062	c4	02	Euler irregular, ECPP
103914	[ Long prime 103914 ]	1060	c4	02	Euler irregular, ECPP
104122	$2968802755 \cdot 2459\# + 1$	1057	p155	09	Arithmetic progression ( $8, d = 359463429 \cdot 2459\#$ )
104316	$469! - 1$	1051	BC	81	Factorial
104829	$142661157626 \cdot 2411\# + 71427877$	1038	c14	02	Consecutive primes arithmetic progression ( $5, d = 30$ )
104856	$45385928981256 \cdot 2399\# + 19429$	1037	c18	11	Quintuplet (5), ECPP
104857	$45385928981256 \cdot 2399\# + 19427$	1037	c18	11	Quintuplet (4), ECPP
104858	$45385928981256 \cdot 2399\# + 19423$	1037	c18	11	Quintuplet (3), ECPP
104859	$45385928981256 \cdot 2399\# + 19421$	1037	c18	11	Quintuplet (2), ECPP
104860	$45385928981256 \cdot 2399\# + 19417$	1037	c18	11	Quintuplet (1), ECPP
104895	$21917202736992 \cdot 2399\# + 19429$	1037	c18	11	Quintuplet (5), ECPP
104896	$21917202736992 \cdot 2399\# + 19427$	1037	c18	11	Quintuplet (4), ECPP
104897	$21917202736992 \cdot 2399\# + 19423$	1037	c18	11	Quintuplet (3), ECPP
104898	$21917202736992 \cdot 2399\# + 19421$	1037	c18	11	Quintuplet (2), ECPP
104899	$21917202736992 \cdot 2399\# + 19417$	1037	c18	11	Quintuplet (1), ECPP
104900	$21618999972620 \cdot 2399\# + 19429$	1037	c18	11	Quintuplet (5), ECPP
104901	$21618999972620 \cdot 2399\# + 19427$	1037	c18	11	Quintuplet (4), ECPP
104902	$21618999972620 \cdot 2399\# + 19423$	1037	c18	11	Quintuplet (3), ECPP
104903	$21618999972620 \cdot 2399\# + 19421$	1037	c18	11	Quintuplet (2), ECPP
104904	$21618999972620 \cdot 2399\# + 19417$	1037	c18	11	Quintuplet (1), ECPP
104947	$6179783529 \cdot 2411\# + 1$	1037	p102	03	Arithmetic progression ( $8, d = 176836494 \cdot 2411\#$ )
105280	$R(1031)$	1031	WD	85	Repunit
105621	$51800236080 \cdot 2377\# - 1$	1017	p295	11	Cunningham chain ( $16p + 15$ )
105702	$418059269664 \cdot 2371\# + 1$	1015	p308	11	Cunningham chain 2nd kind ( $16p - 15$ )
105727	$116040452086 \cdot 2371\# + 1$	1014	p308	12	Arithmetic progression ( $9, d = 6317280828 \cdot 2371\#$ )
105728	$115248484057 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $8, d = 7327002535 \cdot 2371\#$ )
105730	$113236255068 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $8, d = 6601354956 \cdot 2371\#$ )
105731	$112929231161 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $8, d = 6982118533 \cdot 2371\#$ )
105877	$97336164242 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $9, d = 6350457699 \cdot 2371\#$ )
106001	$93537753980 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $9, d = 3388165411 \cdot 2371\#$ )
106033	$92836168856 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ( $9, d = 127155673 \cdot 2371\#$ )
107646	$69318339141 \cdot 2371\# + 1$	1014	p308	11	Arithmetic progression ( $9, d = 1298717501 \cdot 2371\#$ )



rank	description	digits	who	year	comment
110885	$V(4793)$	1002	DK	95	Lucas number
110928	$V(4787)$	1001	DK	95	Lucas number

## 2 The Long Primes

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

Prime with rank 187 (712748 digits by p360) See on-line version for the rest of the digits

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

Prime with rank 824 (470458 digits by p360) See on-line version for the rest of the digits

“19000302866132191930...(470418 other digits)...64447092025915867137”

Prime with rank 1336 (398204 digits by p44) See on-line version for the rest of the digits

“15238445279350815802...(398164 other digits)...70851559196354845061”

Prime with rank 2401 (377922 digits by x29)

$$(935695 \cdot 2^{627694} + 3)^2 + (1123581 \cdot 2^{313839})^2$$

Prime with rank 2531 (367199 digits by p342)

$$79916753563828279896266938611356192810163128144777193765 \cdot 2^{1219621} + 1$$

Prime with rank 3092 (349822 digits by p360) See on-line version for the rest of the digits

“94429650041209025217...(349782 other digits)...31628188691871039489”

Prime with rank 7737 (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 12309 (221071 digits by x34)

$$\text{Phi}(5, (3668 \cdot 16001\# - 1) \cdot (378266 \cdot 16001\#/5 + 1)^7)$$

Prime with rank 51119 (31112 digits by p360)

$$2^{1515} \cdot 48688484017^{560} \cdot 133579779967^{573} \cdot 383159376767^{784} \cdot 960310896529^{769} + 3$$

Prime with rank 51120 (31112 digits by p360)

$$2^{1514} \cdot 48688484017^{560} \cdot 133579779967^{573} \cdot 383159376767^{784} \cdot 960310896529^{769} + 1$$

Prime with rank 56070 (20562 digits by FE1)

$$((((((2521008887^3 + 80)^3 + 12)^3 + 450)^3 + 894)^3 + 3636)^3 + 70756)^3 + 97220$$

Prime with rank 59482 (15537 digits by x38)

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

Prime with rank 61139 (13956 digits by c54)

$$\text{Phi}(5745, -38284)/(106238573731 \cdot 139897540591 \cdot 17964554195439674794086479311)$$

Prime with rank 61428 (13657 digits by c64)

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

Prime with rank 62938 (12533 digits by c63)

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

Prime with rank 63015 (12459 digits by c54)

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

Prime with rank 63125 (12395 digits by c59)

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

Prime with rank 64914 (10763 digits by c64)

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

Prime with rank 66498 (9010 digits by c8)

$$U(43399)/470400609575881344601538056264109423291827366228494341196421$$

Prime with rank 66621 (8835 digits by c59)

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

Prime with rank 67482 (8063 digits by c55)

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

Prime with rank 67589 (7945 digits by c8)

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

Prime with rank 67616 (7906 digits by c39)

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

Prime with rank 68769 (7239 digits by c8)

$$U(34807)/551750980997908879677508732866536453$$

Prime with rank 69403 (7053 digits by c8)

$$U(33997)/8119544695419968014626314520991088099382355441843013$$

Prime with rank 69945 (6669 digits by c8)

$$U(32077)/153087505413829037510511957221947361$$

Prime with rank 69972 (6637 digits by c8)

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

Prime with rank 70272 (6425 digits by c8)

$$V(31547)/221409808384144085062492986575402586918348866650893130934479823303462278246861842289773757623993825502645720726313249552565534024996670996378968020508259098756301$$

Prime with rank 70547 (6229 digits by c4)

$$(2^{20887} - 1)/(694257144641 \cdot 3156563122511 \cdot 28533972487913 \cdot 1893804442513836092687)$$

Prime with rank 71142 (5938 digits by c8)

$$-E(2202)/53781055550934778283104432814129020709$$

Prime with rank 71453 (5701 digits by c8)

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

Prime with rank 71712 (5521 digits by c8)

$$U(26591)/1929661069931436974692472737757606381$$

Prime with rank 72128 (5364 digits by c8)

$$V(25873)/34396575615094965590217427573609664640790259$$

Prime with rank 72190 (5354 digits by c63)

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

Prime with rank 72299 (5338 digits by c8)

$$V(25763)/92864275685263243511877732271066626563444291249$$

Prime with rank 72380 (5274 digits by c4)

$$(2^{17683} - 1)/(234000819833373807217 \cdot 62265855698776681155719328257)$$

Prime with rank 72397 (5258 digits by c8)

$$-E(1990)/8338208577950624722417016286765473477033741642105671913$$

Prime with rank 72709 (5132 digits by p179)

$$(51803036889 \cdot 205881 \cdot 4001\# \cdot (205881 \cdot 4001\# + 1) + 210) \cdot (205881 \cdot 4001\# - 1)/35 + 7$$

Prime with rank 74115 (4896 digits by c8)

$$V(23663)/102462573963822806622784417315446994815407287584779$$

Prime with rank 74204 (4812 digits by c4)

$$E(1840)/31237282053878368942060412182384934425$$

Prime with rank 74823 (4498 digits by c4)

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

Prime with rank 74846 (4479 digits by c8)

$$U(21577)/(8626362776257 \cdot 608114436652075009)$$

Prime with rank 74944 (4365 digits by c4)

$$(2^{14621} - 1)/(1958650799081 \cdot 9787919624201558678734079)$$

Prime with rank 75231 (4200 digits by c8)

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

Prime with rank 75362 (4099 digits by c8)

$U(19777)/38707773384498015680717776815690169$   
 Prime with rank 75666 (4002 digits by c8)  
 $U(19433)/(8200903423639793 \cdot 124790158973035710313 \cdot 163702910239586286961573)$   
 Prime with rank 75869 (3734 digits by c8)  
 $-197676570 \cdot 18851280661 \cdot \text{Bern}(1836)/(59789 \cdot 3927024469727)$   
 Prime with rank 75959 (3708 digits by c4)  
 $(2^{12451} - 1)/(4980401 \cdot 15289230353 \cdot 1143390212315192593598809)$   
 Prime with rank 75987 (3682 digits by c8)  
 $-E(1466)/167900532276654417372106952612534399239$   
 Prime with rank 75995 (3671 digits by c4)  
 $E(1468)/(95 \cdot 217158949445380764696306893 \cdot 597712879321361736404369071)$   
 Prime with rank 77368 (3284 digits by c4)  
 $(2^{11117} - 1)/358196436964270608221221853970927519972222557196875442622337153$   
 Prime with rank 77386 (3247 digits by c8)  
 $V(15907)/2351579891055 \backslash$   
 $05688534907917009892725773407652816592568932322486925769136001261$   
 Prime with rank 77647 (3030 digits by c4)  
 $(2^{10211} - 1)/306772303457009724362047724636324707614338377$   
 Prime with rank 77659 (3022 digits by c8)  
 $(2^{10169} - 1)/10402314702094700470118039921523041260063$   
 Prime with rank 78425 (2979 digits by c8)  
 $(2^{10007} - 1)/(14477908246561 \cdot 136255313 \cdot 10368448917257)$   
 Prime with rank 78581 (2888 digits by c8)  
 $(2^{9697} - 1)/(724126946527 \cdot 19092282046942032847)$   
 Prime with rank 78601 (2876 digits by c4)  
 $(2^{9733} - 1)/(2932747561 \cdot 353435802999708808999 \cdot 4424579967215442704801447)$   
 Prime with rank 78649 (2829 digits by c8)  
 $-E(1174)/50550511342697072710795058639332351763$   
 Prime with rank 81773 (2276 digits by c4)  
 $-2090369190 \cdot \text{Bern}(1236)/(103 \cdot 939551962476779 \cdot 157517441360851951)$   
 Prime with rank 83745 (2069 digits by c4)  
 $-E(902)/(9756496279 \cdot 314344516832998594237)$

Prime with rank 87260 (1640 digits by c62)

$$6 \cdot \text{Bern}(998) / (11511758102983 \cdot 55034215982714323 \cdot 70834556505031411 \cdot 38698489087506303607099 \cdot 4712129605357293035277301907 \cdot 362429490639499678761278968817)$$

Prime with rank 88975 (1418 digits by c4)

$$-54570 \cdot \text{Bern}(848) / (428478023 \cdot 5051145078213134269)$$

Prime with rank 89287 (1391 digits by c8)

$$E(676) / 878618128969410121818976030235415 \backslash \\ 67004933531313911504892717789158174298202475475590955674162377015$$

Prime with rank 90277 (1343 digits by c4)

$$-E(638) / (7235862947323 \cdot 11411779188663863 \cdot 526900327479624797)$$

Prime with rank 91426 (1311 digits by c4)

$$138 \cdot \text{Bern}(814) / (28409964671 \cdot 335055893 \cdot 351085907 \cdot 520460183 \cdot 30348030379 \cdot 17043083582983)$$

Prime with rank 99395 (1143 digits by c8)

$$E(576) / 1035784073998708077865 \backslash \\ 03857073455806041088176158903345179750769398899240791530780628185$$

Prime with rank 103914 (1060 digits by c4)

$$-E(526) / (5062100689 \cdot 71096484738291757946225730043997)$$

### 3 Table of Proof-Codes

Key to Proof-Codes (primality provers):

code	description
BC	Penk, Buhler, Crandall
C	Caldwell, Cruncher
c2	Water, Primo
c4	Broadhurst, Primo
c8	Water, Broadhurst, Primo
c11	Oakes, Primo
c14	Fougeron, Primo
c18	Luhn, Primo
c26	Keiser, OpenPFGW, Primo
c31	Andersen, Alm, Rosenthal, OpenPFGW, Primo
c33	Chaglassian, Primo
c35	Cami, Primo
c36	Andersen, Willegen, Rosenthal, OpenPFGW, Primo
c39	Minovic, OpenPFGW, Primo
c41	Andersen, Rosenthal, Primo
c46	Boncompagni, Primo
c47	Chandler, Primo
c54	Wu <sub>T</sub> , <i>Primo</i>

code	description
c55	Gramolin, Primo
c56	Soule, Minovic, OpenPFGW, Primo
c58	Kaiser1, OpenPFGW, NewPGen, Primo
c59	Metcalfe, OpenPFGW, Primo
c60	Lemsafer, Primo
c61	Kaiser1, Broadhurst, OpenPFGW, NewPGen, Primo
c62	Minovic, TOPS, Primo
c63	Ritschel, TOPS, Primo
c64	Metcalfe, Minovic, Ritschel, TOPS, Primo
c65	Lygeros, Rozier, Primo
c66	Steine, Primo
c67	Batalov, OpenPFGW, NewPGen, Primo
CD	Dubner, Caldwell, Cruncher
CH1	Soule, Minovic, CHG, Primo, OpenPFGW
CH2	$Wu_T$ , CHG, Primo, OpenPFGW
CH3	Water, Broadhurst, CHG, Primo, OpenPFGW
CH4	Irvine, Water, Broadhurst, CHG, Primo, OpenPFGW
CH6	Steward, CHG, Primo, OpenPFGW
CH7	Broadhurst, CHG, OpenPFGW
D	Dubner, Cruncher
DK	Dubner, Keller, Cruncher
DM	Demichel
DS	Smith <sub>Darren</sub> , Proth.exe
f7	Heuer, ForEis, PhiSieve, OpenPFGW, PIES
f14	Hillegas, ForEis, PhiSieve, PIES
FE1	Morain, FastECPP
FE3	Wirth, Kleinjung, Franke, Morain, FastECPP
FE4	Morain, Broadhurst, FastECPP, OpenPFGW
FE5	Luhn, Morain, FastECPP
FE7	Deng, Morain, FastECPP
FE8	Oakes, Morain, Water, Broadhurst, FastECPP
FE9	Morain, Water, Broadhurst, FastECPP
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
G7	Findley <sub>J</sub> , GIMPS, Prime95
G8	Nowak, GIMPS, Prime95
G9	Boone, Cooper, GIMPS, Prime95
G10	Smith <sub>E</sub> , GIMPS, Prime95
G11	Elvenich, GIMPS, Prime95
G12	Strindmo, GIMPS, Prime95
G13	Cooper, GIMPS, Prime95
g23	Ballinger, Proth.exe
g25	OHare, Proth.exe
g55	Toplic, Proth.exe

code	description
g59	Linton, Proth.exe
g103	DallOsto, Proth.exe
g106	Kuechler, Proth.exe
g122	Nohara, Proth.exe
g124	Crickman, Proth.exe
g148	Samidoost, Proth.exe
g157	Loeh, Proth.exe
g181	Bodenstein, Proth.exe
g182	McElhatton, Proth.exe
g196	Odermatt, Proth.exe
g197	Muischnek, Proth.exe
g236	Heuer, GFNSearch, GFN17Sieve, Proth.exe
g245	Cosgrave, PRP, NewPGen, Proth.exe
g246	Choliy, Proth.exe
g258	Neves, PRP, NewPGen, Proth.exe
g259	Papp, Proth.exe
g260	AYENI, Proth.exe
g262	Kapek, Proth.exe
g266	Hagel, Proth.exe
g267	Grobstich, PRP, NewPGen, Proth.exe
g277	Eaton, PRP, NewPGen, Proth.exe
g279	Cooper, PRP, NewPGen, Proth.exe
g281	Berndt, Proth.exe
g294	Underbakke, TwinGen, PRP, Proth.exe
g295	Underbakke, AthGFNSieve, Proth.exe
g299	Dowd, Scott, Proth.exe
g300	Zilmer, Proth.exe
g305	Berg2, Proth.exe
g308	Angel, GFNSearch, GFN17Sieve, Proth.exe
g336	Tornberg, PRP, NewPGen, Proth.exe
g337	Hsieh, PRP, NewPGen, Proth.exe
g346	Dausch, ProthSieve, PRP, PrimeSierpinski, Proth.exe
g356	Hughes1, Proth.exe
g387	Muzik, Proth.exe
g403	Yoshimura, ProthSieve, LLR, PrimeSierpinski, Proth.exe
g404	Taniguchi, Proth.exe
g407	HermleGC, MultiSieve, PRP, Proth.exe
g410	Anonymous, AthGFNSieve, GFNSearch, GFN16Sieve, Proth.exe
g411	Brittenham, PRP, NewPGen, Proth.exe
g412	Kamenyuk, Proth.exe
g413	Scott, AthGFNSieve, Proth.exe
g414	Gilvey, Srsieve, LLR, PrimeGrid, PrimeSierpinski, Proth.exe
g418	Taura, PRP, NewPGen, Proth.exe
g424	Broadhurst, OpenPFGW, NewPGen, Proth.exe
g425	Buechel, Keller, Broadhurst, PRP, OpenPFGW, Proth.exe
g426	Nemeth, OpenPFGW, NewPGen, Proth.exe
g428	Peets, OpenPFGW, NewPGen, Proth.exe
g429	Underbakke, GenefX64, AthGFNSieve, PrimeGrid, Proth.exe
GC1	Angel, GFNSearch, GFN16Sieve, Proth.exe
GC2	Hluchan, GFNSearch, GFN16Sieve, Proth.exe

code	description
GF0	Gallot, Proth.exe, GFNSieve, GFNSearch
GF2	Heuer, Proth.exe, GFNSieve, GFNSearch
GF3	Penrose, Proth.exe, GFNSieve, GFNSearch
gm	Morii, Proth.exe
gt	Taura, Proth.exe
K	Keller
L2	Penne, NewPGen, LLR
L4	Sun, NewPGen, LLR
L6	Xiao, LLR
L10	Ritschel, NewPGen, LLR
L30	Ritschel, NewPGen, 321search, LLR
L35	Faith, RieselSieve, LLR
L47	Bishop <sub>D</sub> , <i>ProthSieve</i> , <i>RieselSieve</i> , <i>LLR</i>
L49	Stolz, ProthSieve, RieselSieve, LLR
L51	Hedges, PRP, NewPGen, LLR
L53	Zaveri, ProthSieve, PRP, RieselSieve, LLR
L58	Nilsson <sub>R</sub> , <i>15k</i> , <i>LLR</i>
L62	Ewing, NewPGen, 12121search, LLR
L65	Clowes, NewPGen, 12121search, LLR
L73	Wallace, ProthSieve, NewPGen, RieselSieve, LLR
L74	Hughes1, LLR
L76	Meissner, ProthSieve, RieselSieve, LLR
L77	Depereyra, 321search, LLR
L84	Mischel, RieselSieve, LLR
L93	Sefko, ProthSieve, RieselSieve, LLR
L95	Urushi, LLR
L99	Underbakke, TwinGen, LLR
L100	Minovic, TwinGen, LLR
L101	Aggarwal, ProthSieve, PrimeSierpinski, LLR
L105	Hoof, ProthSieve, RieselSieve, LLR
L111	Fisher, ProthSieve, RieselSieve, LLR
L113	Chatfield, NewPGen, LLR
L121	Benson, Srsieve, Rieselprime, LLR
L123	Gillion, NewPGen, LLR
L124	Rodenkirch, MultiSieve, LLR
L129	Snyder, LLR
L134	Childers, ProthSieve, RieselSieve, LLR
L137	Jaworski, Rieselprime, LLR
L139	Metcalf, NewPGen, Rieselprime, LLR
L145	Minovic, Ksieve, NewPGen, Rieselprime, LLR
L153	Eckhard, LLR
L158	Underwood, NewPGen, 321search, LLR
L160	Wong, ProthSieve, RieselSieve, LLR
L162	Banka, NewPGen, 12121search, LLR
L163	Ritschel, NewPGen, Rieselprime, LLR
L165	Keiser, OpenPFGW, NewPGen, LLR
L167	Curtis, NewPGen, Rieselprime, LLR
L170	Crosa, LLR
L172	Smith, ProthSieve, RieselSieve, LLR
L175	Duggan, ProthSieve, RieselSieve, LLR



code	description
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
L217	Lehmann, Rieselprime, LLR
L251	Burt, NewPGen, Rieselprime, LLR
L256	Underwood, Srsieve, NewPGen, 321search, LLR
L257	Ritschel, Srsieve, Rieselprime, LLR
L259	Schwieger, NewPGen, PrimeGrid, TPS, LLR
L260	Soule, Srsieve, Rieselprime, LLR
L268	Metcalf, Srsieve, Rieselprime, LLR
L282	Curtis, Srsieve, Rieselprime, LLR
L321	Broadhurst, OpenPFGW, NewPGen, LLR
L323	Minovic, Srsieve, NewPGen, Rieselprime, LLR
L324	Doorn, NewPGen, PrimeGrid, TPS, LLR
L327	Ziersch, NewPGen, PrimeGrid, TPS, LLR
L330	Tjung, Srsieve, Rieselprime, LLR
L333	Jogibhai, NewPGen, PrimeGrid, TPS, LLR
L334	Saksanen, NewPGen, PrimeGrid, TPS, LLR
L339	Vandenberg, NewPGen, PrimeGrid, TPS, LLR
L341	Kaehler, NewPGen, PrimeGrid, TPS, LLR
L346	Moreno <sub>A</sub> , <i>NewPGen, PrimeGrid, TPS, LLR</i>
L350	Laurijssens, NewPGen, PrimeGrid, TPS, LLR
L381	Mate, Siemelink, Rodenkirch, MultiSieve, LLR
L384	Pinho, Srsieve, Rieselprime, LLR
L391	Rodenkirch, Srsieve, LLR
L421	Bonath, 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
L478	Sutton1, Goforth, Srsieve, Rieselprime, LLR
L486	Goforth, Curtis, Srsieve, Rieselprime, LLR
L488	Sutton1, Srsieve, NewPGen, Rieselprime, LLR
L503	Benson, Srsieve, LLR
L521	Thompson1, Gcwsieve, MultiSieve, PrimeGrid, LLR
L527	Tornberg, TwinGen, LLR
L536	Bonath, Srsieve, NPLB, LLR
L545	AndersonM, NewPGen, Rieselprime, LLR
L565	Burt, Srsieve, NPLB, LLR
L579	Sorbera, Srsieve, NPLB, LLR
L587	Dettweiler, Srsieve, CRUS, LLR
L590	Padro, NewPGen, 12121search, LLR

code	description
L596	Vogel, TwinGen, PrimeGrid, LLR
L606	Bennett, Srsieve, NewPGen, PrimeGrid, 321search, LLR
L613	Keogh, Srsieve, ProthSieve, RieselSieve, LLR
L621	Sutton1, Srsieve, Rieselprime, LLR
L622	Cardall, Srsieve, ProthSieve, RieselSieve, LLR
L623	Jaworski, Srsieve, NPLB, LLR
L632	Stokkedalen, Rieselprime, LLR
L635	Vogel, Srsieve, PrimeGrid, LLR
L637	DeTroia, PRP, OpenPFGW, NewPGen, LLR
L639	Depereyra, Srsieve, Rieselprime, LLR
L644	Gunn, Srsieve, NPLB, LLR
L645	Luhn, LLR
L651	Courty, Srsieve, PrimeGrid, LLR
L656	Yama, Srsieve, PrimeGrid, LLR
L667	Riesen, NewPGen, LLR
L668	Ueda, Srsieve, PrimeGrid, LLR
L669	Harvey, Srsieve, PrimeGrid, LLR
L679	Foody, Srsieve, PrimeGrid, LLR
L689	Brown1, Srsieve, PrimeGrid, LLR
L690	Cholt, Srsieve, PrimeGrid, LLR
L696	Nicol, Srsieve, NPLB, LLR
L732	Embling, Srsieve, PrimeGrid, LLR
L753	Wolfram, Srsieve, PrimeGrid, LLR
L759	Barker, Srsieve, PrimeGrid, LLR
L764	Ewing, Srsieve, PrimeGrid, LLR
L780	Brady, Srsieve, PrimeGrid, LLR
L801	Gesker, Gcwsieve, MultiSieve, PrimeGrid, LLR
L840	Vogel, Srsieve, Rieselprime, LLR
L860	Burt, Srsieve, FreeDCPrimeSearch, LLR
L872	Gronow, Srsieve, PrimeGrid, LLR
L895	Dinkel, Srsieve, LLR
L917	Bergman1, Gcwsieve, MultiSieve, PrimeGrid, LLR
L923	Kaiser1, Klahn, NewPGen, PrimeGrid, TPS, SunGard, LLR
L927	Brown1, TwinGen, PrimeGrid, LLR
L934	Desmond, TwinGen, PrimeGrid, LLR
L955	Domanov1, TwinGen, PrimeGrid, LLR
L958	Schoefer, TwinGen, PrimeGrid, LLR
L967	Courty, TwinGen, PrimeGrid, LLR
L975	Hnizdil, TwinGen, PrimeGrid, LLR
L983	$Wu_T$ , LLR
L986	Chamouleau, TwinGen, PrimeGrid, LLR
L989	Cavecchia, TwinGen, PrimeGrid, LLR
L990	Uehara1, TwinGen, PrimeGrid, LLR
L992	Vandaele, TwinGen, PrimeGrid, LLR
L1001	McElvain, TwinGen, PrimeGrid, LLR
L1008	Fries, TwinGen, PrimeGrid, LLR
L1016	Hartel, Srsieve, PrimeGrid, LLR
L1065	Gockel, Srsieve, PrimeGrid, LLR
L1115	Splain, PSieve, Srsieve, PrimeGrid, LLR
L1121	VanGorp, PSieve, Srsieve, PrimeGrid, LLR

code	description
L1122	Parker, PSieve, Srsieve, PrimeGrid, LLR
L1125	Laluk, PSieve, Srsieve, PrimeGrid, LLR
L1126	Morris, TwinGen, PrimeGrid, LLR
L1129	Slomma, PSieve, Srsieve, PrimeGrid, LLR
L1130	Adolfsson, PSieve, Srsieve, PrimeGrid, LLR
L1132	Rickard, PSieve, Srsieve, PrimeGrid, LLR
L1134	Ogawa, Srsieve, NewPGen, LLR
L1135	Frith, PSieve, Srsieve, PrimeGrid, LLR
L1149	Gallagher, PSieve, Srsieve, PrimeGrid, LLR
L1153	Kaiser1, Srsieve, PrimeGrid, 12121search, LLR
L1158	Vogel, PSieve, Srsieve, PrimeGrid, LLR
L1167	Chambers, PSieve, Srsieve, PrimeGrid, LLR
L1174	Brazier, PSieve, Srsieve, PrimeGrid, LLR
L1176	Dunn, PSieve, Srsieve, PrimeGrid, LLR
L1183	Gaster, TwinGen, PrimeGrid, LLR
L1186	Richard1, PSieve, Srsieve, PrimeGrid, LLR
L1201	Carpenter1, PSieve, Srsieve, PrimeGrid, LLR
L1203	Mauno, PSieve, Srsieve, PrimeGrid, LLR
L1204	Brown1, PSieve, Srsieve, PrimeGrid, LLR
L1207	Storch, PSieve, Srsieve, PrimeGrid, LLR
L1209	Wong, PSieve, Srsieve, PrimeGrid, LLR
L1210	Rhodes, PSieve, Srsieve, PrimeGrid, LLR
L1214	Patterson, PSieve, Srsieve, PrimeGrid, LLR
L1218	Winslow, PSieve, Srsieve, PrimeGrid, LLR
L1219	Ohyanagi1, TwinGen, PrimeGrid, LLR
L1223	Courty, PSieve, Srsieve, PrimeGrid, LLR
L1224	Domanov1, PSieve, Srsieve, PrimeGrid, LLR
L1229	Gordon1, PSieve, Srsieve, PrimeGrid, LLR
L1230	Yooil1, PSieve, Srsieve, PrimeGrid, LLR
L1286	Scullin, TwinGen, PrimeGrid, LLR
L1293	Ueda, PSieve, Srsieve, PrimeGrid, LLR
L1300	Yama, PSieve, Srsieve, PrimeGrid, LLR
L1303	Koval, PSieve, Srsieve, PrimeGrid, LLR
L1312	Nye, PSieve, Srsieve, PrimeGrid, LLR
L1314	Ajayi, PSieve, Srsieve, PrimeGrid, LLR
L1319	Cholt, TwinGen, PrimeGrid, LLR
L1331	Shen, PSieve, Srsieve, PrimeGrid, LLR
L1336	Burt, PSieve, Srsieve, PrimeGrid, LLR
L1341	DUrso, 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
L1356	Gockel, PSieve, Srsieve, PrimeGrid, LLR
L1357	Schulz1, PSieve, Srsieve, PrimeGrid, LLR
L1360	Tatterson, PSieve, Srsieve, PrimeGrid, LLR
L1371	AhKit, PSieve, Srsieve, PrimeGrid, LLR
L1379	Uehara1, PSieve, Srsieve, PrimeGrid, LLR
L1387	Anonymous, PSieve, Srsieve, PrimeGrid, LLR
L1406	Lovov, PSieve, Srsieve, PrimeGrid, LLR

code	description
L1408	Emery, PSieve, Srsieve, PrimeGrid, LLR
L1412	Jones <sub>M</sub> , PSieve, Srsieve, PrimeGrid, LLR
L1415	Englund, PSieve, Srsieve, PrimeGrid, LLR
L1422	Steichen, PSieve, Srsieve, PrimeGrid, LLR
L1430	Schwieger, TwinGen, PrimeGrid, LLR
L1433	Webster, TwinGen, PrimeGrid, LLR
L1446	Harvey, PSieve, Srsieve, PrimeGrid, LLR
L1448	Hron, PSieve, Srsieve, PrimeGrid, LLR
L1450	VanderVeen, PSieve, Srsieve, PrimeGrid, LLR
L1456	Webster, PSieve, Srsieve, PrimeGrid, LLR
L1460	Salah, Srsieve, PrimeGrid, PrimeSierpinski, LLR
L1469	Cushing, PSieve, Srsieve, PrimeGrid, LLR
L1471	Gunn, Srsieve, CRUS, LLR
L1479	Schori, PSieve, Srsieve, PrimeGrid, LLR
L1480	Goudie, PSieve, Srsieve, PrimeGrid, LLR
L1484	Morris, PSieve, Srsieve, PrimeGrid, LLR
L1487	Krompolc, PSieve, Srsieve, PrimeGrid, LLR
L1492	Eiterig, PSieve, Srsieve, PrimeGrid, LLR
L1498	Goral, PSieve, Srsieve, PrimeGrid, LLR
L1500	Melvold, PSieve, Srsieve, PrimeGrid, LLR
L1502	Champ, PSieve, Srsieve, PrimeGrid, LLR
L1505	Watanabe, PSieve, Srsieve, PrimeGrid, LLR
L1509	Wallin, PSieve, Srsieve, PrimeGrid, LLR
L1512	Obara, PSieve, Srsieve, PrimeGrid, LLR
L1513	Miller1, PSieve, Srsieve, PrimeGrid, LLR
L1519	Castigliola, PSieve, Srsieve, PrimeGrid, LLR
L1524	Bohl, PSieve, Srsieve, PrimeGrid, LLR
L1531	Skvor, PSieve, Srsieve, PrimeGrid, LLR
L1533	Heinicken, PSieve, Srsieve, PrimeGrid, LLR
L1546	Franke1, PSieve, Srsieve, PrimeGrid, LLR
L1547	Shewbridge, PSieve, Srsieve, PrimeGrid, LLR
L1552	Futaba, PSieve, Srsieve, PrimeGrid, LLR
L1554	Melcher, PSieve, Srsieve, PrimeGrid, LLR
L1555	Walczak, PSieve, Srsieve, PrimeGrid, LLR
L1559	Smith1, PSieve, Srsieve, PrimeGrid, LLR
L1562	Myllyvirta, PSieve, Srsieve, PrimeGrid, LLR
L1563	Winskill1, TwinGen, PrimeGrid, LLR
L1566	Watanabe, TwinGen, PrimeGrid, LLR
L1568	Pyke, PSieve, Srsieve, PrimeGrid, LLR
L1576	Craig, PSieve, Srsieve, PrimeGrid, LLR
L1584	ODonnell, PSieve, Srsieve, PrimeGrid, LLR
L1588	Chambers, TwinGen, PrimeGrid, LLR
L1589	Myllyvirta, TwinGen, PrimeGrid, LLR
L1591	Tatterson, TwinGen, PrimeGrid, LLR
L1595	Cilliers, PSieve, Srsieve, PrimeGrid, LLR
L1603	Fukui, TwinGen, PrimeGrid, LLR
L1617	Seager, TwinGen, PrimeGrid, LLR
L1633	Gott, TwinGen, PrimeGrid, LLR
L1637	Baerwolf, TwinGen, PrimeGrid, LLR
L1660	Smith6, PSieve, Srsieve, PrimeGrid, LLR

code	description
L1661	Mitchell1, TwinGen, PrimeGrid, LLR
L1675	Schwieger, PSieve, Srsieve, PrimeGrid, LLR
L1683	Shen, TwinGen, PrimeGrid, LLR
L1684	Lovov, TwinGen, PrimeGrid, LLR
L1695	Emery, TwinGen, PrimeGrid, LLR
L1697	Lachance, TwinGen, PrimeGrid, LLR
L1704	Romelard, TwinGen, PrimeGrid, LLR
L1706	Brand, TwinGen, PrimeGrid, LLR
L1709	Rickard, TwinGen, PrimeGrid, LLR
L1727	Osychenko, PSieve, Srsieve, PrimeGrid, LLR
L1728	Gasewicz, PSieve, Srsieve, PrimeGrid, LLR
L1730	Schneider, 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
L1752	Takeuchi, PSieve, Srsieve, PrimeGrid, LLR
L1753	Iwasaki, PSieve, Srsieve, PrimeGrid, LLR
L1761	Dhuyvetters, PSieve, Srsieve, PrimeGrid, LLR
L1776	Hittle, PSieve, Srsieve, PrimeGrid, LLR
L1780	Ming, PSieve, Srsieve, PrimeGrid, LLR
L1792	Tang, PSieve, Srsieve, PrimeGrid, LLR
L1793	Corsello, PSieve, Srsieve, PrimeGrid, LLR
L1809	Vogel, PSieve, Srsieve, NPLB, LLR
L1814	Melvold, TwinGen, PrimeGrid, LLR
L1815	Lody, PSieve, Srsieve, NPLB, LLR
L1816	Davies, PSieve, Srsieve, NPLB, LLR
L1817	Barnes, PSieve, Srsieve, NPLB, LLR
L1818	Khadjiyev, PSieve, Srsieve, PrimeGrid, LLR
L1819	Gunn, PSieve, Srsieve, NPLB, LLR
L1820	Gledhill, PSieve, Srsieve, PrimeGrid, 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
L1841	Sasaki, PSieve, Srsieve, PrimeGrid, LLR
L1842	Ohlsson, PSieve, Srsieve, PrimeGrid, LLR
L1844	Krauss, TwinGen, PrimeGrid, LLR
L1846	Marshall1, PSieve, Srsieve, PrimeGrid, LLR
L1847	Liu1, PSieve, Srsieve, PrimeGrid, LLR
L1862	Curtis, PSieve, Srsieve, Rieselprime, LLR
L1866	Cilliers, TwinGen, PrimeGrid, LLR
L1878	Gordon1, TwinGen, PrimeGrid, LLR
L1884	Jaworski, PSieve, Srsieve, Rieselprime, LLR
L1885	Ostaszewski, PSieve, Srsieve, PrimeGrid, LLR
L1888	Gremont, PSieve, Srsieve, PrimeGrid, LLR
L1889	Bard, PSieve, Srsieve, PrimeGrid, LLR
L1920	Iwasaki, TwinGen, PrimeGrid, LLR
L1921	Winslow, TwinGen, PrimeGrid, LLR
L1929	Kennedy1, TwinGen, PrimeGrid, LLR

code	description
L1931	Lee3, PSieve, Srsieve, PrimeGrid, LLR
L1933	Ingram, PSieve, Srsieve, PrimeGrid, LLR
L1934	Schmidt, PSieve, Srsieve, PrimeGrid, LLR
L1935	Channing, PSieve, Srsieve, PrimeGrid, LLR
L1940	Shaw1, PSieve, Srsieve, PrimeGrid, LLR
L1945	Clark2, TwinGen, PrimeGrid, LLR
L1948	Miller1, TwinGen, PrimeGrid, LLR
L1949	Pritchard, Srsieve, PrimeGrid, RieselSieve, LLR
L1953	Reynolds1, TwinGen, PrimeGrid, LLR
L1957	Hemsley, PSieve, Srsieve, PrimeGrid, LLR
L1958	DUrso, Srsieve, OpenPFGW, NewPGen, LLR
L1959	Metcalfe, PSieve, Srsieve, Rieselprime, LLR
L1972	Jarrett, PSieve, Srsieve, PrimeGrid, LLR
L1973	Burt, PSieve, Srsieve, FreeDCPrimeSearch, LLR
L1978	Chu, PSieve, Srsieve, NPLB, LLR
L1980	Mueller3, PSieve, Srsieve, PrimeGrid, LLR
L1983	Safford, PSieve, Srsieve, PrimeGrid, LLR
L1990	Makowski, PSieve, Srsieve, PrimeGrid, LLR
L1991	Shaw, PSieve, Srsieve, PrimeGrid, LLR
L1992	Ostaszewski, TwinGen, PrimeGrid, LLR
L1999	Obermeyer, PSieve, Srsieve, PrimeGrid, LLR
L2002	Gramolin, NewPGen, LLR
L2019	Wood <sub>D</sub> , <i>PSieve, Srsieve, PrimeGrid, LLR</i>
L2028	Klein, PSieve, Srsieve, NPLB, LLR
L2030	Tonner, PSieve, Srsieve, PrimeGrid, LLR
L2038	Siegert, PSieve, Srsieve, PrimeGrid, LLR
L2045	Tanaka, PSieve, Srsieve, PrimeGrid, LLR
L2046	Melvold, Srsieve, PrimeGrid, LLR
L2047	Stevens, PSieve, Srsieve, NPLB, LLR
L2048	Chadwick, PSieve, Srsieve, PrimeGrid, LLR
L2050	Kaiser1, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L2051	Reich, PSieve, Srsieve, PrimeGrid, LLR
L2054	Kaiser1, Srsieve, CRUS, LLR
L2055	Soule, PSieve, Srsieve, Rieselprime, LLR
L2058	Sas, PSieve, Srsieve, PrimeGrid, LLR
L2064	Belogourov, PSieve, Srsieve, PrimeGrid, LLR
L2066	Harste, PSieve, Srsieve, PrimeGrid, LLR
L2070	Schemmel, PSieve, Srsieve, PrimeGrid, LLR
L2073	Boerner, PSieve, Srsieve, PrimeGrid, LLR
L2074	Minovic, PSieve, Srsieve, Rieselprime, LLR
L2078	Dahlman, TwinGen, PrimeGrid, LLR
L2081	Reder, PSieve, Srsieve, PrimeGrid, LLR
L2083	Yamamura, TwinGen, PrimeGrid, LLR
L2085	Dodson1, PSieve, Srsieve, PrimeGrid, LLR
L2090	Craig, TwinGen, PrimeGrid, LLR
L2093	McNeill, PSieve, Srsieve, PrimeGrid, LLR
L2100	Christensen, PSieve, Srsieve, PrimeGrid, LLR
L2101	Tutusaus, PSieve, Srsieve, Rieselprime, LLR
L2107	Hebr, PSieve, Srsieve, PrimeGrid, LLR
L2110	Sattler, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2113	Kliber, PSieve, Srsieve, PrimeGrid, LLR
L2117	Karlsteen, PSieve, Srsieve, PrimeGrid, LLR
L2121	VanRangelrooij, PSieve, Srsieve, PrimeGrid, LLR
L2125	Greer, PSieve, Srsieve, PrimeGrid, LLR
L2127	Scherbakov, PSieve, Srsieve, PrimeGrid, LLR
L2131	Johnson4, PSieve, Srsieve, PrimeGrid, LLR
L2133	VanRangelrooij, TwinGen, PrimeGrid, LLR
L2137	Hayashi1, PSieve, Srsieve, PrimeGrid, LLR
L2139	Hagerty, PSieve, Srsieve, PrimeGrid, LLR
L2142	Hajek, PSieve, Srsieve, PrimeGrid, LLR
L2147	Dulaurens, PSieve, Srsieve, PrimeGrid, LLR
L2163	VanRooijen1, PSieve, Srsieve, PrimeGrid, LLR
L2164	Dodson1, TwinGen, PrimeGrid, LLR
L2165	Bohl, TwinGen, PrimeGrid, LLR
L2167	Miyakoshi, PSieve, Srsieve, PrimeGrid, LLR
L2168	Butler, PSieve, Srsieve, PrimeGrid, LLR
L2169	Michaud, PSieve, Srsieve, PrimeGrid, LLR
L2197	Herman, TwinGen, PrimeGrid, LLR
L2204	Parker1, TwinGen, PrimeGrid, LLR
L2233	Herder, Srsieve, PrimeGrid, LLR
L2235	Mullage, PSieve, Srsieve, NPLB, LLR
L2241	Wintrip, PSieve, Srsieve, PrimeGrid, LLR
L2249	Tikkenei1, TwinGen, PrimeGrid, LLR
L2250	Hebr, TwinGen, PrimeGrid, LLR
L2255	Dinkel, PSieve, Srsieve, NPLB, LLR
L2257	Dettweiler, PSieve, Srsieve, NPLB, LLR
L2265	Miyakoshi, TwinGen, PrimeGrid, LLR
L2269	Schori, Srsieve, PrimeGrid, LLR
L2279	Millerick, PSieve, Srsieve, PrimeGrid, LLR
L2283	Eiterig, TwinGen, PrimeGrid, LLR
L2287	Schori, TwinGen, PrimeGrid, LLR
L2308	Hutchinson, PSieve, Srsieve, PrimeGrid, LLR
L2320	Englehard, TwinGen, PrimeGrid, LLR
L2322	Szafranski, PSieve, Srsieve, PrimeGrid, LLR
L2327	Oh, PSieve, Srsieve, PrimeGrid, LLR
L2338	Burt, PSieve, Srsieve, Rieselprime, LLR
L2342	Marafuga, Srsieve, SierpinskiRiesel, LLR
L2345	Boerner, TwinGen, PrimeGrid, LLR
L2352	Doom, PSieve, Srsieve, PrimeGrid, LLR
L2354	Sheridan, TwinGen, PrimeGrid, LLR
L2360	Vazquez, TwinGen, PrimeGrid, LLR
L2366	Satoh, PSieve, Srsieve, PrimeGrid, LLR
L2368	Telegd, TwinGen, PrimeGrid, LLR
L2371	Luszczek, Srsieve, PrimeGrid, LLR
L2373	Tarasov1, Srsieve, PrimeGrid, LLR
L2375	Manz, PSieve, Srsieve, PrimeGrid, LLR
L2377	Nicol, Srsieve, FreeDCPrimeSearch, LLR
L2379	Doom, TwinGen, PrimeGrid, LLR
L2382	Matillek, TwinGen, PrimeGrid, LLR
L2405	Niermann, TwinGen, PrimeGrid, LLR

code	description
L2407	Sas, TwinGen, PrimeGrid, LLR
L2408	Reinman, Srsieve, PrimeGrid, LLR
L2410	Smukler, PSieve, Srsieve, PrimeGrid, LLR
L2412	Ahn, PSieve, Srsieve, PrimeGrid, LLR
L2413	Blyth, PSieve, Srsieve, PrimeGrid, LLR
L2414	Carper, TwinGen, PrimeGrid, LLR
L2419	Gathright, PSieve, Srsieve, PrimeGrid, LLR
L2423	Nose, TwinGen, PrimeGrid, LLR
L2425	DallOsto, LLR
L2429	Bliedung, TwinGen, PrimeGrid, LLR
L2430	Hayase, TwinGen, PrimeGrid, LLR
L2432	Sutton1, PSieve, Srsieve, Rieselprime, LLR
L2435	Michaud, TwinGen, PrimeGrid, LLR
L2438	Tonner, TwinGen, PrimeGrid, LLR
L2444	Batalov, PSieve, Srsieve, Rieselprime, LLR
L2447	Chagas, PSieve, Srsieve, PrimeGrid, LLR
L2449	Satoh, TwinGen, PrimeGrid, LLR
L2450	Droniou, TwinGen, PrimeGrid, LLR
L2453	Bogachov, PSieve, Srsieve, PrimeGrid, LLR
L2457	Zhuravlev, TwinGen, PrimeGrid, LLR
L2472	Berker, TwinGen, PrimeGrid, LLR
L2478	VanRooijen1, TwinGen, PrimeGrid, LLR
L2482	Reber, TwinGen, PrimeGrid, LLR
L2484	Ritschel, PSieve, Srsieve, Rieselprime, LLR
L2487	Liao, PSieve, Srsieve, PrimeGrid, LLR
L2494	Javtokas, PSieve, Srsieve, PrimeGrid, LLR
L2496	Ji, TwinGen, PrimeGrid, LLR
L2503	Zhan1, PSieve, Srsieve, PrimeGrid, LLR
L2504	Corsello, TwinGen, PrimeGrid, LLR
L2507	Geis, PSieve, Srsieve, PrimeGrid, LLR
L2511	Johnson6, TwinGen, PrimeGrid, LLR
L2513	Ilves, 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
L2522	Foody, PSieve, Srsieve, PrimeGrid, LLR
L2525	Bliedung, PSieve, Srsieve, PrimeGrid, LLR
L2526	Martinik, PSieve, Srsieve, PrimeGrid, LLR
L2530	Matsumoto1, PSieve, Srsieve, PrimeGrid, LLR
L2531	Sasahara, PSieve, Srsieve, PrimeGrid, LLR
L2532	Papp2, PSieve, Srsieve, PrimeGrid, LLR
L2533	Yoshikawa, PSieve, Srsieve, PrimeGrid, LLR
L2538	Wilcoxon, PSieve, Srsieve, PrimeGrid, LLR
L2539	Gielkens, PSieve, Srsieve, PrimeGrid, LLR
L2540	Bourghol, PSieve, Srsieve, PrimeGrid, LLR
L2542	Appenzeller, PSieve, Srsieve, PrimeGrid, LLR
L2543	Hartel, PSieve, Srsieve, PrimeGrid, LLR



code	description
L2544	Tarasov1, PSieve, Srsieve, PrimeGrid, LLR
L2545	Nose, PSieve, Srsieve, PrimeGrid, LLR
L2549	McKay, PSieve, Srsieve, PrimeGrid, LLR
L2550	GurneyChampion, PSieve, Srsieve, PrimeGrid, LLR
L2551	HinWai, PSieve, Srsieve, PrimeGrid, LLR
L2557	Clark3, PSieve, Srsieve, PrimeGrid, LLR
L2560	Grube, PSieve, Srsieve, PrimeGrid, LLR
L2561	Vinklat, PSieve, Srsieve, PrimeGrid, LLR
L2562	Jones3, PSieve, Srsieve, PrimeGrid, LLR
L2564	Bravin, PSieve, Srsieve, PrimeGrid, LLR
L2573	McKay, TwinGen, PrimeGrid, LLR
L2576	Tyler, TwinGen, PrimeGrid, LLR
L2583	Nakamura, PSieve, Srsieve, PrimeGrid, LLR
L2592	Watanabe1, TwinGen, PrimeGrid, LLR
L2593	Johnson6, PSieve, Srsieve, PrimeGrid, LLR
L2594	Sheridan, PSieve, Srsieve, PrimeGrid, LLR
L2595	Out, TwinGen, PrimeGrid, LLR
L2600	Phillips, TwinGen, PrimeGrid, LLR
L2601	Paul, TwinGen, PrimeGrid, LLR
L2603	Hoffman, PSieve, Srsieve, PrimeGrid, LLR
L2604	Nobis, PSieve, Srsieve, PrimeGrid, LLR
L2606	Slakans, PSieve, Srsieve, PrimeGrid, LLR
L2612	Xu1, PSieve, Srsieve, PrimeGrid, LLR
L2618	Mohr, PSieve, Srsieve, PrimeGrid, LLR
L2619	Krawczyk, PSieve, Srsieve, PrimeGrid, LLR
L2620	Droniou, PSieve, Srsieve, PrimeGrid, LLR
L2623	Pabis, PSieve, Srsieve, PrimeGrid, LLR
L2626	DeKlerk, PSieve, Srsieve, PrimeGrid, LLR
L2627	Graham2, PSieve, Srsieve, PrimeGrid, LLR
L2633	Burtner, PSieve, Srsieve, PrimeGrid, LLR
L2636	Fick, PSieve, Srsieve, PrimeGrid, LLR
L2642	Reich1, PSieve, Srsieve, PrimeGrid, LLR
L2649	Brandstaetter, PSieve, Srsieve, PrimeGrid, LLR
L2650	Gordon2, PSieve, Srsieve, PrimeGrid, LLR
L2652	Chang1, PSieve, Srsieve, PrimeGrid, LLR
L2653	Heinz, PSieve, Srsieve, PrimeGrid, LLR
L2655	Schaap, PSieve, Srsieve, PrimeGrid, LLR
L2659	Reber, PSieve, Srsieve, PrimeGrid, LLR
L2661	Ji, PSieve, Srsieve, PrimeGrid, LLR
L2664	Koluvare, PSieve, Srsieve, PrimeGrid, LLR
L2672	Salte, TwinGen, PrimeGrid, LLR
L2673	Burningham, PSieve, Srsieve, PrimeGrid, LLR
L2674	Michalowski, PSieve, Srsieve, PrimeGrid, LLR
L2675	Ling, PSieve, Srsieve, PrimeGrid, LLR
L2679	DeKlerk, TwinGen, PrimeGrid, LLR
L2680	Kurtovic, TwinGen, PrimeGrid, LLR
L2683	Utsey, PSieve, Srsieve, PrimeGrid, LLR
L2684	Hirai, PSieve, Srsieve, PrimeGrid, LLR
L2691	Pettersen, PSieve, Srsieve, PrimeGrid, LLR
L2693	Bravin, TwinGen, PrimeGrid, LLR

code	description
L2694	Baudouin, TwinGen, PrimeGrid, LLR
L2700	Romig, PSieve, Srsieve, PrimeGrid, LLR
L2702	Maruska, PSieve, Srsieve, PrimeGrid, LLR
L2703	Armstrong, PSieve, Srsieve, PrimeGrid, LLR
L2704	Blazek, PSieve, Srsieve, PrimeGrid, LLR
L2705	Dily1, PSieve, Srsieve, PrimeGrid, LLR
L2706	Lane, PSieve, Srsieve, PrimeGrid, LLR
L2708	Klein, Srsieve, NewPGen, LLR
L2711	Astrom, PSieve, Srsieve, PrimeGrid, LLR
L2713	Demizu, PSieve, Srsieve, PrimeGrid, LLR
L2714	Piortowski, PSieve, Srsieve, PrimeGrid, LLR
L2715	Donovan, PSieve, Srsieve, PrimeGrid, LLR
L2716	Almeida, PSieve, Srsieve, PrimeGrid, LLR
L2718	Katsavounidis, PSieve, Srsieve, PrimeGrid, LLR
L2719	Yost, PSieve, Srsieve, PrimeGrid, LLR
L2720	Aguirre, PSieve, Srsieve, PrimeGrid, LLR
L2723	Paul, PSieve, Srsieve, PrimeGrid, LLR
L2724	AverayJones, PSieve, Srsieve, PrimeGrid, LLR
L2725	Grimm, PSieve, Srsieve, PrimeGrid, LLR
L2726	Hauswald, PSieve, Srsieve, PrimeGrid, LLR
L2727	Johnston, PSieve, Srsieve, PrimeGrid, LLR
L2730	Gwiazda, PSieve, Srsieve, PrimeGrid, LLR
L2731	Pohorily, PSieve, Srsieve, PrimeGrid, LLR
L2732	Williams4, PSieve, Srsieve, PrimeGrid, LLR
L2733	Schofield, PSieve, Srsieve, PrimeGrid, LLR
L2734	Mamonov, PSieve, Srsieve, PrimeGrid, LLR
L2735	Kenney, PSieve, Srsieve, PrimeGrid, LLR
L2736	Ketamino, PSieve, Srsieve, PrimeGrid, LLR
L2737	Baris, PSieve, Srsieve, PrimeGrid, LLR
L2739	Olson1, PSieve, Srsieve, PrimeGrid, LLR
L2740	Gearreald, PSieve, Srsieve, PrimeGrid, LLR
L2741	Gordini, PSieve, Srsieve, PrimeGrid, LLR
L2742	Fluttert, PSieve, Srsieve, PrimeGrid, LLR
L2744	LeCoadou, PSieve, Srsieve, PrimeGrid, LLR
L2745	Ishikawa, PSieve, Srsieve, PrimeGrid, LLR
L2748	Weezepoel, PSieve, Srsieve, PrimeGrid, LLR
L2749	Brooks, PSieve, Srsieve, PrimeGrid, LLR
L2753	Ketamino, TwinGen, PrimeGrid, LLR
L2754	Nakamura, TwinGen, PrimeGrid, LLR
L2760	Donovan, TwinGen, PrimeGrid, LLR
L2773	Derrera, TwinGen, PrimeGrid, LLR
L2774	Kapicioglu, TwinGen, PrimeGrid, LLR
L2777	Ritschel, Gcwsieve, TOPS, LLR
L2779	Perry, PSieve, Srsieve, PrimeGrid, LLR
L2785	Meili, PSieve, Srsieve, PrimeGrid, LLR
L2787	Kapicioglu, PSieve, Srsieve, PrimeGrid, LLR
L2789	Ueta, PSieve, Srsieve, PrimeGrid, LLR
L2790	Szymeczko, PSieve, Srsieve, PrimeGrid, LLR
L2791	Safwat, PSieve, Srsieve, PrimeGrid, LLR
L2792	Mahe, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2793	Drusc, PSieve, Srsieve, PrimeGrid, LLR
L2794	Krawiec, PSieve, Srsieve, PrimeGrid, LLR
L2796	Thanry, PSieve, Srsieve, PrimeGrid, LLR
L2797	Mark, PSieve, Srsieve, PrimeGrid, LLR
L2799	Goninan, PSieve, Srsieve, PrimeGrid, LLR
L2800	Luedemann, PSieve, Srsieve, PrimeGrid, LLR
L2801	Dejong, PSieve, Srsieve, PrimeGrid, LLR
L2802	Day, PSieve, Srsieve, PrimeGrid, LLR
L2803	Barbyshev, PSieve, Srsieve, PrimeGrid, LLR
L2804	Krapp, PSieve, Srsieve, PrimeGrid, LLR
L2805	Barr, PSieve, Srsieve, PrimeGrid, LLR
L2806	Tatsuta, PSieve, Srsieve, PrimeGrid, LLR
L2807	Andersen1, PSieve, Srsieve, PrimeGrid, LLR
L2808	Ferrandis, PSieve, Srsieve, PrimeGrid, LLR
L2809	Sander, PSieve, Srsieve, PrimeGrid, LLR
L2810	Skoog, PSieve, Srsieve, PrimeGrid, LLR
L2811	Martinez1, PSieve, Srsieve, PrimeGrid, LLR
L2812	Letzin, PSieve, Srsieve, PrimeGrid, LLR
L2813	Sumi, PSieve, Srsieve, PrimeGrid, LLR
L2814	Metrock, PSieve, Srsieve, PrimeGrid, LLR
L2815	Suchomsky, PSieve, Srsieve, PrimeGrid, LLR
L2816	Pecio, PSieve, Srsieve, PrimeGrid, LLR
L2820	Fomenko, PSieve, Srsieve, PrimeGrid, LLR
L2821	Dejong1, PSieve, Srsieve, PrimeGrid, LLR
L2823	Loureiro, PSieve, Srsieve, PrimeGrid, LLR
L2824	Hippeau, PSieve, Srsieve, PrimeGrid, LLR
L2826	Judy, PSieve, Srsieve, PrimeGrid, LLR
L2827	Melzer, PSieve, Srsieve, PrimeGrid, LLR
L2829	Wong <sub>C</sub> , <i>PSieve, Srsieve, PrimeGrid, LLR</i>
L2835	Pinnock, PSieve, Srsieve, PrimeGrid, LLR
L2837	Brueckner, PSieve, Srsieve, PrimeGrid, LLR
L2840	Santana, PSieve, Srsieve, PrimeGrid, LLR
L2841	Minovic, Gcwsieve, MultiSieve, TOPS, LLR
L2842	English1, PSieve, Srsieve, PrimeGrid, LLR
L2848	Goldbach, PSieve, Srsieve, PrimeGrid, LLR
L2850	Baron, PSieve, Srsieve, PrimeGrid, LLR
L2851	Aston, PSieve, Srsieve, PrimeGrid, LLR
L2853	Weetman, PSieve, Srsieve, PrimeGrid, LLR
L2854	Bowler, PSieve, Srsieve, PrimeGrid, LLR
L2856	Charette, PSieve, Srsieve, PrimeGrid, LLR
L2857	Ball, PSieve, Srsieve, PrimeGrid, LLR
L2858	Hunger, PSieve, Srsieve, PrimeGrid, LLR
L2859	Keenan, PSieve, Srsieve, PrimeGrid, LLR
L2861	Gatewood, PSieve, Srsieve, PrimeGrid, LLR
L2863	Orr, PSieve, Srsieve, PrimeGrid, LLR
L2873	Jurach, PSieve, Srsieve, PrimeGrid, LLR
L2876	Pryazhentsev, PSieve, Srsieve, PrimeGrid, LLR
L2879	Longden, PSieve, Srsieve, PrimeGrid, LLR
L2884	Andersen2, PSieve, Srsieve, PrimeGrid, LLR
L2885	Busacker, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2887	Harper, PSieve, Srsieve, PrimeGrid, LLR
L2888	Kravtchenko, PSieve, Srsieve, PrimeGrid, LLR
L2890	Smelser, PSieve, Srsieve, PrimeGrid, LLR
L2891	Lacroix, PSieve, Srsieve, PrimeGrid, LLR
L2901	Leschek, PSieve, Srsieve, PrimeGrid, LLR
L2903	Netzeband, PSieve, Srsieve, PrimeGrid, LLR
L2904	Webster1, PSieve, Srsieve, PrimeGrid, LLR
L2905	Cannell, PSieve, Srsieve, PrimeGrid, LLR
L2906	Dreher, PSieve, Srsieve, PrimeGrid, LLR
L2907	Holmes1, PSieve, Srsieve, PrimeGrid, LLR
L2908	Wild, PSieve, Srsieve, PrimeGrid, LLR
L2909	Brys, PSieve, Srsieve, PrimeGrid, LLR
L2910	Kiesanowski, PSieve, Srsieve, PrimeGrid, LLR
L2912	Lantinga, PSieve, Srsieve, PrimeGrid, LLR
L2913	Cioca, PSieve, Srsieve, PrimeGrid, LLR
L2914	Merrylees, PSieve, Srsieve, PrimeGrid, LLR
L2915	Li1, PSieve, Srsieve, PrimeGrid, LLR
L2916	Chism, PSieve, Srsieve, PrimeGrid, LLR
L2917	Wiegers, PSieve, Srsieve, PrimeGrid, LLR
L2918	Basson, PSieve, Srsieve, PrimeGrid, LLR
L2919	Marsh1, PSieve, Srsieve, PrimeGrid, LLR
L2920	Husu, PSieve, Srsieve, PrimeGrid, LLR
L2921	Takeda, PSieve, Srsieve, PrimeGrid, LLR
L2922	Pepper, PSieve, Srsieve, PrimeGrid, LLR
L2923	Lannigan, PSieve, Srsieve, PrimeGrid, LLR
L2924	Derkach, PSieve, Srsieve, PrimeGrid, LLR
L2925	Szumlakowski, PSieve, Srsieve, PrimeGrid, LLR
L2926	Oelrich, PSieve, Srsieve, PrimeGrid, LLR
L2927	Harris, PSieve, Srsieve, PrimeGrid, LLR
L2928	Kozlowski, PSieve, Srsieve, PrimeGrid, LLR
L2929	Utiuzh, PSieve, Srsieve, PrimeGrid, LLR
L2930	Ruber, PSieve, Srsieve, PrimeGrid, LLR
L2931	Lewis1, PSieve, Srsieve, PrimeGrid, LLR
L2932	Savchenko, PSieve, Srsieve, PrimeGrid, LLR
L2933	Winkler1, PSieve, Srsieve, PrimeGrid, LLR
L2934	VanWeers, PSieve, Srsieve, PrimeGrid, LLR
L2935	Bamber, PSieve, Srsieve, PrimeGrid, LLR
L2936	Preusch, PSieve, Srsieve, PrimeGrid, LLR
L2937	Chi, PSieve, Srsieve, PrimeGrid, LLR
L2938	VanLeeuwen, PSieve, Srsieve, PrimeGrid, LLR
L2939	Brouwer, PSieve, Srsieve, PrimeGrid, LLR
L2940	Revol, PSieve, Srsieve, PrimeGrid, LLR
L2941	Thompson4, PSieve, Srsieve, PrimeGrid, LLR
L2942	Grant1, PSieve, Srsieve, PrimeGrid, LLR
L2943	Ying, PSieve, Srsieve, PrimeGrid, LLR
L2944	Stahl, PSieve, Srsieve, PrimeGrid, LLR
L2945	Schaefer1, PSieve, Srsieve, PrimeGrid, LLR
L2946	Sanny, PSieve, Srsieve, PrimeGrid, LLR
L2947	Si, PSieve, Srsieve, PrimeGrid, LLR
L2948	Plentner, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2949	Kostal, PSieve, Srsieve, PrimeGrid, LLR
L2950	Harlass, PSieve, Srsieve, PrimeGrid, LLR
L2951	Fiedler, PSieve, Srsieve, PrimeGrid, LLR
L2952	Dovgiy, PSieve, Srsieve, PrimeGrid, Ukraine, LLR
L2954	Lee4, PSieve, Srsieve, PrimeGrid, LLR
L2955	Hollings, PSieve, Srsieve, PrimeGrid, LLR
L2956	Ensink, PSieve, Srsieve, PrimeGrid, LLR
L2957	Fitch, PSieve, Srsieve, PrimeGrid, LLR
L2958	Hsu1, PSieve, Srsieve, PrimeGrid, LLR
L2959	Derrera, PSieve, Srsieve, PrimeGrid, LLR
L2960	Huenicke, PSieve, Srsieve, PrimeGrid, LLR
L2962	Nagasawa, PSieve, Srsieve, PrimeGrid, LLR
L2963	Newberry, PSieve, Srsieve, PrimeGrid, LLR
L2964	Darimont, PSieve, Srsieve, PrimeGrid, LLR
L2967	Ryjkov, PSieve, Srsieve, PrimeGrid, LLR
L2973	Kurtovic, Srsieve, PrimeGrid, LLR
L2975	Loureiro, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L2976	Lavrinenko, PSieve, Srsieve, PrimeGrid, LLR
L2981	Yoshigoe, PSieve, Srsieve, PrimeGrid, LLR
L2984	Sey, PSieve, Srsieve, PrimeGrid, LLR
L2987	Isetti, PSieve, Srsieve, PrimeGrid, LLR
L2989	Jurka, PSieve, Srsieve, PrimeGrid, LLR
L2992	Boehm, PSieve, Srsieve, PrimeGrid, LLR
L2997	Williams2, PSieve, Srsieve, PrimeGrid, LLR
L3011	Kravtsov, PSieve, Srsieve, PrimeGrid, LLR
L3014	Janda, PSieve, Srsieve, PrimeGrid, LLR
L3019	Pozharski, PSieve, Srsieve, PrimeGrid, LLR
L3023	Winslow, PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3030	Harder, PSieve, Srsieve, PrimeGrid, LLR
L3033	Snow, PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3035	Scalise, PSieve, Srsieve, PrimeGrid, LLR
L3039	Jakobson, PSieve, Srsieve, PrimeGrid, LLR
L3049	Tardy, PSieve, Srsieve, PrimeGrid, LLR
L3051	Bower, NPLB, LLR
L3054	Winslow, Srsieve, PrimeGrid, LLR
L3055	Heino, PSieve, Srsieve, NPLB, LLR
L3075	Goellner, PSieve, Srsieve, PrimeGrid, LLR
L3091	Ridgway, PSieve, Srsieve, PrimeGrid, LLR
L3097	Schoneweis, 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
L3127	Gilles, PSieve, Srsieve, PrimeGrid, LLR
L3131	Kopp, PSieve, Srsieve, PrimeGrid, LLR
L3137	Plinta, PSieve, Srsieve, PrimeGrid, LLR
L3139	Berker, PSieve, Srsieve, PrimeGrid, LLR
L3141	Kus, PSieve, Srsieve, PrimeGrid, LLR
L3144	Miskovetz, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3149	Gordiani, PSieve, Srsieve, PrimeGrid, LLR
L3154	Hentrich, PSieve, Srsieve, PrimeGrid, LLR
L3157	Becker2, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3158	Zyber, PSieve, Srsieve, PrimeGrid, LLR
L3167	Delisle, PSieve, Srsieve, PrimeGrid, LLR
L3169	Siemelink, Srsieve, CRUS, LLR
L3171	Bergelt, PSieve, Srsieve, PrimeGrid, LLR
L3173	Zhou2, PSieve, Srsieve, PrimeGrid, LLR
L3174	Boniecki, PSieve, Srsieve, PrimeGrid, LLR
L3175	Watanabe1, 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
L3186	Dike, PSieve, Srsieve, PrimeGrid, LLR
L3188	Oenen, PSieve, Srsieve, PrimeGrid, LLR
L3190	Vogel, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3192	Gundermann, PSieve, Srsieve, PrimeGrid, LLR
L3198	Braaten, PSieve, Srsieve, PrimeGrid, LLR
L3199	Henderson2, PSieve, Srsieve, PrimeGrid, LLR
L3200	Athanas, PSieve, Srsieve, PrimeGrid, LLR
L3202	Sharma, PSieve, Rieselprime, LLR
L3203	Scalise, TwinGen, PrimeGrid, LLR
L3204	Ryjkov, TwinGen, PrimeGrid, LLR
L3205	Yoshida1, PSieve, Srsieve, PrimeGrid, LLR
L3208	Lewis1, TwinGen, PrimeGrid, LLR
L3209	McArdle, GenefX64, AthGFNSieve, PrimeGrid, LLR
L3210	DeVries, TwinGen, PrimeGrid, LLR
L3213	OBrien1, PSieve, Srsieve, PrimeGrid, LLR
L3214	Deutschmann, TwinGen, PrimeGrid, LLR
L3216	Lind, TwinGen, PrimeGrid, LLR
L3218	Kim3, TwinGen, PrimeGrid, LLR
L3221	Vicena, PSieve, Srsieve, PrimeGrid, LLR
L3222	Yamamoto, PSieve, Srsieve, PrimeGrid, LLR
L3224	Criado, TwinGen, PrimeGrid, LLR
L3226	Pepper, TwinGen, PrimeGrid, LLR
L3227	Hoorn, TwinGen, PrimeGrid, LLR
L3228	Meditz, TwinGen, PrimeGrid, LLR
L3230	Kumagai, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3233	Nadeau, PSieve, Srsieve, PrimeGrid, LLR
L3234	Parangalan, PSieve, Srsieve, PrimeGrid, LLR
L3235	Ruge, TwinGen, PrimeGrid, LLR
L3236	Larsson1, TwinGen, PrimeGrid, LLR
L3237	Reifschneider, PSieve, Srsieve, PrimeGrid, LLR
L3240	Vogt, TwinGen, PrimeGrid, LLR
L3242	Jevtic, TwinGen, PrimeGrid, LLR
L3246	Beard, PSieve, Srsieve, PrimeGrid, LLR
L3247	Elliott2, TwinGen, PrimeGrid, LLR
L3248	Kumagai, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3249	Lind, PSieve, Srsieve, PrimeGrid, LLR
L3251	Delisle, TwinGen, PrimeGrid, LLR
L3252	Bergman1, TwinGen, PrimeGrid, LLR
L3255	Eldredge, TwinGen, PrimeGrid, LLR
L3256	Harris1, TwinGen, PrimeGrid, LLR
L3257	Ksiazek1, PSieve, Srsieve, PrimeGrid, LLR
L3258	Molder, TwinGen, PrimeGrid, LLR
L3260	Stanko, PSieve, Srsieve, PrimeGrid, LLR
L3261	Batalov, PSieve, Srsieve, PrimeGrid, LLR
L3262	Molder, PSieve, Srsieve, PrimeGrid, LLR
L3269	Ritschel, Gcwsieve, GenWoodall, LLR
L3270	Heidotting, TwinGen, PrimeGrid, LLR
L3271	Hedlund, PSieve, Srsieve, PrimeGrid, LLR
L3274	Schouten, TwinGen, 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
L3284	Bosma, PSieve, Srsieve, PrimeGrid, LLR
L3285	Bird1, PSieve, Srsieve, PrimeGrid, LLR
L3287	Jarlsson, TwinGen, PrimeGrid, LLR
L3294	Bartlett, PSieve, Srsieve, PrimeGrid, LLR
L3299	Haller, PSieve, Srsieve, PrimeGrid, LLR
L3303	Kirkhan, PSieve, Srsieve, PrimeGrid, LLR
L3305	Kampik, PSieve, Srsieve, PrimeGrid, LLR
L3309	Everett1, PSieve, Srsieve, PrimeGrid, LLR
L3311	Noon, PSieve, Srsieve, PrimeGrid, LLR
L3312	Perchenko, PSieve, Srsieve, PrimeGrid, LLR
L3313	Yost, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3316	Shay, TwinGen, PrimeGrid, LLR
L3317	Ryabchikov, PSieve, Srsieve, PrimeGrid, LLR
L3319	Kusig, PSieve, Srsieve, PrimeGrid, LLR
L3321	Stanko, TwinGen, PrimeGrid, LLR
L3322	Kelava, TwinGen, PrimeGrid, LLR
L3323	Ritschel, NewPGen, TOPS, LLR
L3325	Elvy, PSieve, Srsieve, PrimeGrid, LLR
L3326	Ritschel, Srsieve, TOPS, LLR
L3327	Mierzejowski, PSieve, Srsieve, PrimeGrid, LLR
L3328	Ferrell, TwinGen, PrimeGrid, LLR
L3329	Tatearka, PSieve, Srsieve, PrimeGrid, LLR
L3330	Wilson3, TwinGen, PrimeGrid, LLR
L3331	Farrow, TwinGen, PrimeGrid, LLR
L3332	Bergelt, TwinGen, PrimeGrid, LLR
L3333	Romer, PSieve, Srsieve, PrimeGrid, LLR
L3334	Michelot, TwinGen, PrimeGrid, LLR
L3335	Kramer2, PSieve, Srsieve, PrimeGrid, LLR
L3336	Dongen, Siemlink, Srsieve, LLR
L3337	Ryabchikov, TwinGen, PrimeGrid, LLR
L3338	DeJesus, PSieve, Srsieve, PrimeGrid, LLR
L3339	Jurach, TwinGen, PrimeGrid, LLR

code	description
L3340	Baltat, TwinGen, PrimeGrid, LLR
L3341	Botting, TwinGen, PrimeGrid, LLR
L3342	Boulay, TwinGen, PrimeGrid, LLR
L3343	Woerner, PSieve, Srsieve, PrimeGrid, LLR
L3344	Fausten, PSieve, Srsieve, PrimeGrid, LLR
L3345	Domanov1, PSieve, Rieselprime, LLR
L3346	Rassokhin, TwinGen, PrimeGrid, LLR
L3347	Bryniarski, TwinGen, PrimeGrid, LLR
L3349	Belogourov, TwinGen, PrimeGrid, LLR
L3350	Prange, TwinGen, PrimeGrid, LLR
L3351	Szajerski, TwinGen, PrimeGrid, LLR
L3354	Willig, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3355	Liskay, TwinGen, PrimeGrid, LLR
L3357	Yoshida1, TwinGen, PrimeGrid, LLR
L3359	Brittain, TwinGen, PrimeGrid, LLR
L3360	Kaczala, TwinGen, PrimeGrid, LLR
L3362	Elmir, PSieve, Srsieve, PrimeGrid, LLR
L3364	Combe, TwinGen, PrimeGrid, LLR
L3365	Hamada, TwinGen, PrimeGrid, LLR
L3366	Muzia, PSieve, Srsieve, PrimeGrid, LLR
L3369	Kim2, TwinGen, PrimeGrid, LLR
L3370	Utendorf, TwinGen, PrimeGrid, LLR
L3371	Glasgow, TwinGen, PrimeGrid, LLR
L3372	Ryan, PSieve, Srsieve, PrimeGrid, LLR
L3373	Simpson1, TwinGen, PrimeGrid, LLR
L3374	Burningham, TwinGen, PrimeGrid, LLR
L3375	Maj, TwinGen, PrimeGrid, LLR
L3378	Glasgow, PSieve, Srsieve, PrimeGrid, LLR
L3379	Almond, TwinGen, PrimeGrid, LLR
L3380	Yoshigoe, TwinGen, PrimeGrid, LLR
L3381	Andersen3, TwinGen, PrimeGrid, LLR
L3382	Reifschneider, TwinGen, PrimeGrid, LLR
L3383	Everett1, TwinGen, PrimeGrid, LLR
L3384	Makowski, TwinGen, PrimeGrid, LLR
L3385	Rassokhin, PSieve, Srsieve, PrimeGrid, LLR
L3386	Proulx, PSieve, Srsieve, PrimeGrid, LLR
L3387	Vicena, TwinGen, PrimeGrid, LLR
L3388	Tardy, TwinGen, PrimeGrid, LLR
L3389	Beauchamp, PSieve, Srsieve, PrimeGrid, LLR
L3390	Nadeau, TwinGen, PrimeGrid, LLR
L3391	Bangma, TwinGen, PrimeGrid, LLR
L3392	Notte, TwinGen, PrimeGrid, LLR
L3393	Tanaka1, TwinGen, PrimeGrid, LLR
L3394	Paloheimo, TwinGen, PrimeGrid, LLR
L3395	Marini, TwinGen, PrimeGrid, LLR
L3396	Marques, TwinGen, PrimeGrid, LLR
L3397	Volf, PSieve, Srsieve, PrimeGrid, LLR
L3398	Sylvain, TwinGen, PrimeGrid, LLR
L3399	Senftleben, TwinGen, PrimeGrid, LLR
L3400	Wyn, TwinGen, PrimeGrid, LLR



code	description
L3401	Bartlett, TwinGen, PrimeGrid, LLR
L3402	Echtelt, TwinGen, PrimeGrid, LLR
L3403	Hedlund, TwinGen, PrimeGrid, LLR
L3404	Francony, TwinGen, PrimeGrid, LLR
L3405	Odom, PSieve, Srsieve, PrimeGrid, LLR
L3406	Vanco, TwinGen, PrimeGrid, LLR
L3407	Zhuang, TwinGen, PrimeGrid, LLR
L3408	Guman, TwinGen, PrimeGrid, LLR
L3409	Rehnberg, PSieve, Srsieve, PrimeGrid, LLR
L3410	Kurtovic, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3411	Lechoczak, TwinGen, PrimeGrid, LLR
L3412	Niermann, PSieve, Srsieve, PrimeGrid, LLR
L3413	Rajh, PSieve, Srsieve, Rieselprime, LLR
L3414	Elmir, TwinGen, PrimeGrid, LLR
L3415	Johnston1, PSieve, Srsieve, PrimeGrid, LLR
L3416	Gibel, TwinGen, PrimeGrid, LLR
L3417	Laan, PSieve, Srsieve, PrimeGrid, LLR
L3418	Stein, PSieve, Srsieve, PrimeGrid, LLR
L3419	Wong <sub>C</sub> , <i>TwinGen, PrimeGrid, LLR</i>
L3420	Landwehr, TwinGen, PrimeGrid, LLR
L3421	Handa, TwinGen, PrimeGrid, LLR
L3422	Micom, PSieve, Srsieve, PrimeGrid, LLR
L3423	Collins, PSieve, Srsieve, PrimeGrid, LLR
L3424	Petrov, TwinGen, PrimeGrid, LLR
L3425	Flutters, TwinGen, PrimeGrid, LLR
L3426	Fick, TwinGen, PrimeGrid, LLR
L3427	Pasanen, PSieve, Srsieve, PrimeGrid, LLR
L3428	Cristian, PSieve, Srsieve, PrimeGrid, LLR
L3429	Redding, TwinGen, PrimeGrid, LLR
L3430	Durstewitz, PSieve, Srsieve, PrimeGrid, LLR
L3431	Gahan, PSieve, Srsieve, PrimeGrid, LLR
L3432	Batalov, Srsieve, LLR
L3433	Ferrandis, TwinGen, PrimeGrid, LLR
L3434	Hoff, TwinGen, PrimeGrid, LLR
L3435	Walling, PSieve, Srsieve, PrimeGrid, LLR
L3436	Linder, PSieve, Srsieve, PrimeGrid, LLR
L3437	Salte, PSieve, Srsieve, PrimeGrid, LLR
L3438	Guman, PSieve, Srsieve, PrimeGrid, LLR
L3439	Huang, PSieve, Srsieve, PrimeGrid, LLR
L3440	Pelikan, PSieve, Srsieve, PrimeGrid, LLR
L3441	Ilves, PSieve, Srsieve, PrimeGrid, LLR
L3442	Fenchenko, PSieve, Srsieve, PrimeGrid, LLR
L3443	Trzcionka, PSieve, Srsieve, PrimeGrid, LLR
L3444	Crane, PSieve, Srsieve, PrimeGrid, LLR
L3445	Bishopp, PSieve, Srsieve, PrimeGrid, LLR
L3446	Marshall3, PSieve, Srsieve, PrimeGrid, LLR
L3447	Wilson3, PSieve, Srsieve, PrimeGrid, LLR
L3448	Urbaniak, PSieve, Srsieve, PrimeGrid, LLR
L3449	Shcherbina, PSieve, Srsieve, PrimeGrid, LLR
L3450	Trautner, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3451	Vanco, PSieve, Srsieve, PrimeGrid, LLR
L3452	Resto, PSieve, Srsieve, PrimeGrid, LLR
L3453	Benes, PSieve, Srsieve, PrimeGrid, LLR
L3454	Korczyk, PSieve, Srsieve, PrimeGrid, LLR
L3455	Pilet, PSieve, Srsieve, PrimeGrid, LLR
L3456	Murai, PSieve, Srsieve, PrimeGrid, LLR
L3457	Sveen1, PSieve, Srsieve, PrimeGrid, LLR
L3458	Jia, PSieve, Srsieve, PrimeGrid, LLR
L3459	Boruvka, PSieve, Srsieve, PrimeGrid, LLR
L3460	Ottusch, PSieve, Srsieve, PrimeGrid, LLR
L3461	Staszek, PSieve, Srsieve, PrimeGrid, LLR
L3462	Maj, PSieve, Srsieve, PrimeGrid, LLR
L3463	Redus, PSieve, Srsieve, PrimeGrid, LLR
L3464	Ferrell, PSieve, Srsieve, PrimeGrid, LLR
L3465	Sekanina, PSieve, Srsieve, PrimeGrid, LLR
L3466	Paloheimo, PSieve, Srsieve, PrimeGrid, LLR
L3467	Dodson2, PSieve, Srsieve, PrimeGrid, LLR
L3468	Francony, PSieve, Srsieve, PrimeGrid, LLR
L3469	Putz, 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
L3474	Perretta, TwinGen, PrimeGrid, LLR
L3475	Fernandez, PSieve, Srsieve, PrimeGrid, LLR
L3476	Gasuen, PSieve, Srsieve, PrimeGrid, LLR
L3477	Chang3, PSieve, Srsieve, PrimeGrid, LLR
L3478	Stirling1, TwinGen, PrimeGrid, LLR
L3479	Lee5, TwinGen, PrimeGrid, LLR
L3480	Anwander, TwinGen, PrimeGrid, LLR
L3481	Mugford, PSieve, Srsieve, PrimeGrid, LLR
L3482	Eckford, TwinGen, PrimeGrid, LLR
L3483	Farrow, PSieve, Srsieve, PrimeGrid, LLR
L3484	Horta, TwinGen, PrimeGrid, LLR
L3485	Annaert, PSieve, Srsieve, PrimeGrid, LLR
L3486	Maurice, TwinGen, PrimeGrid, LLR
L3487	Ziemann, PSieve, Srsieve, PrimeGrid, LLR
L3488	Skinner, TwinGen, PrimeGrid, LLR
L3489	Key1, PSieve, Srsieve, Rieselprime, LLR
L3490	McAdams, PSieve, Srsieve, PrimeGrid, LLR
L3491	Lanting, TwinGen, PrimeGrid, LLR
L3492	Mazzucato, TwinGen, PrimeGrid, LLR
L3493	Patrick, TwinGen, PrimeGrid, LLR
L3494	Batalov, NewPGen, LLR
L3495	Oliveira1, TwinGen, PrimeGrid, LLR
L3496	Benes, TwinGen, PrimeGrid, LLR
L3497	Cook1, PSieve, Srsieve, PrimeGrid, LLR
L3498	Keenan, TwinGen, PrimeGrid, LLR
L3499	Matsumoto1, TwinGen, PrimeGrid, LLR
L3500	Stirling1, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3501	Schiavo, PSieve, Srsieve, PrimeGrid, LLR
L3502	Ristic, PSieve, Srsieve, PrimeGrid, LLR
L3503	Durstewitz, TwinGen, PrimeGrid, LLR
L3504	Krofchik, TwinGen, PrimeGrid, LLR
L3505	Guenther, PSieve, Srsieve, PrimeGrid, LLR
L3506	Wang1, TwinGen, PrimeGrid, LLR
L3507	Badis, TwinGen, PrimeGrid, LLR
L3508	Poon, TwinGen, PrimeGrid, LLR
L3509	McLean1, TwinGen, PrimeGrid, LLR
L3510	TomasiIII, PSieve, Srsieve, PrimeGrid, LLR
L3511	Hayslette, PSieve, Srsieve, PrimeGrid, LLR
L3512	Tsuji, PSieve, Srsieve, PrimeGrid, LLR
L3513	Palmer, PSieve, Srsieve, PrimeGrid, LLR
L3514	Bishop1, PSieve, Srsieve, OpenPFGW, PrimeGrid, LLR
L3515	Liu3, TwinGen, PrimeGrid, LLR
L3516	Hipp, PSieve, Srsieve, PrimeGrid, LLR
L3517	Leamon, TwinGen, PrimeGrid, LLR
L3518	Papendick, PSieve, Srsieve, PrimeGrid, LLR
L3519	Kurtovic, PSieve, Srsieve, Rieselprime, LLR
L3520	Lester, TwinGen, PrimeGrid, LLR
L3521	Cervelle, TwinGen, PrimeGrid, LLR
L3522	Jhkel, TwinGen, PrimeGrid, LLR
L3523	Brown1, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3524	Lester, PSieve, Srsieve, PrimeGrid, LLR
L3525	Rezek, TwinGen, PrimeGrid, LLR
L3526	Holm, PSieve, Srsieve, PrimeGrid, LLR
L3527	Petranek, PSieve, Srsieve, PrimeGrid, LLR
L3528	Batalov, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3529	Yurgandzhiev, TwinGen, PrimeGrid, LLR
L3530	Ollivier, TwinGen, PrimeGrid, LLR
L3531	Kalus, PSieve, Srsieve, PrimeGrid, LLR
L3532	Batalov, Gcwsieve, LLR
L3533	Burton1, PSieve, Srsieve, PrimeGrid, LLR
L3534	English1, TwinGen, PrimeGrid, LLR
L3535	Nikolaou, TwinGen, PrimeGrid, LLR
L3536	Melcher1, TwinGen, PrimeGrid, LLR
L3537	Rodriguez1, TwinGen, PrimeGrid, LLR
L3538	Beard1, PSieve, Srsieve, PrimeGrid, LLR
L3539	Jacobs, PSieve, Srsieve, PrimeGrid, LLR
L3540	Cornet, PSieve, Srsieve, PrimeGrid, LLR
L3541	Matousek, TwinGen, PrimeGrid, LLR
L3542	Pelikan, TwinGen, PrimeGrid, LLR
L3543	Yama, PrimeGrid, LLR
L3544	Minovic, Gcwsieve, GenWoodall, LLR
L3545	Eskam1, PSieve, Srsieve, PrimeGrid, LLR
L3546	Mueller3, TwinGen, PrimeGrid, LLR
L3547	Ready, Srsieve, PrimeGrid, LLR
L3548	Ready, PSieve, Srsieve, PrimeGrid, LLR
L3549	Hirai, Srsieve, PrimeGrid, LLR
L3550	Ready, TwinGen, PrimeGrid, LLR

code	description
L3551	Moravec, PSieve, Srsieve, PrimeGrid, LLR
L3552	Benson2, Srsieve, PrimeGrid, LLR
L3553	Cilliers, Srsieve, PrimeGrid, LLR
L3554	Kroob, TwinGen, PrimeGrid, LLR
L3555	Cervelle, PSieve, Srsieve, PrimeGrid, LLR
L3556	Micom, TwinGen, PrimeGrid, LLR
L3557	Dausch, TwinGen, PrimeGrid, LLR
L3558	Deakin, TwinGen, PrimeGrid, LLR
L3559	Nordmann, PSieve, Srsieve, PrimeGrid, LLR
L3560	Myers, TwinGen, PrimeGrid, LLR
L3561	Wrchowetzky, PSieve, Srsieve, PrimeGrid, LLR
L3562	Schouten, Srsieve, PrimeGrid, LLR
L3563	Wolf2, TwinGen, PrimeGrid, LLR
L3564	Jaworski, Srsieve, CRUS, LLR
L3565	Tokuda, PSieve, Srsieve, PrimeGrid, LLR
L3566	Slakans, Srsieve, PrimeGrid, LLR
L3567	Meili, Srsieve, PrimeGrid, LLR
L3568	Wakolbinger, TwinGen, PrimeGrid, LLR
L3569	LeManach, PSieve, Srsieve, PrimeGrid, LLR
L3570	Powell, Srsieve, LLR
L3571	Chang2, TwinGen, PrimeGrid, LLR
L3572	Kohne, TwinGen, PrimeGrid, LLR
L3573	Batalov, TwinGen, PrimeGrid, LLR
L3574	Wharton, TwinGen, PrimeGrid, LLR
L3575	Takagi, PSieve, Srsieve, PrimeGrid, LLR
L3576	Graper, PSieve, Srsieve, PrimeGrid, LLR
L3577	Sriworarat, PSieve, Srsieve, PrimeGrid, LLR
L3578	Kraus, TwinGen, PrimeGrid, LLR
L3579	Siaber, PSieve, Srsieve, PrimeGrid, LLR
L3580	Nelson1, PSieve, Srsieve, PrimeGrid, LLR
L3581	Hoover, PSieve, Srsieve, PrimeGrid, LLR
L3582	Matsuda, TwinGen, PrimeGrid, LLR
L3583	Kairl, PSieve, Srsieve, PrimeGrid, LLR
L3584	Cardenas, PSieve, Srsieve, PrimeGrid, LLR
L3585	Nakajima, PSieve, Srsieve, PrimeGrid, LLR
L3586	Wharton, PSieve, Srsieve, PrimeGrid, LLR
L3587	Henseler, PSieve, Srsieve, PrimeGrid, LLR
L3588	Matousek, PSieve, Srsieve, PrimeGrid, LLR
L3589	Cude, PSieve, Srsieve, PrimeGrid, LLR
L3590	Jakobson, TwinGen, PrimeGrid, LLR
L3591	Dietsch, TwinGen, PrimeGrid, LLR
L3592	Paul1, PSieve, Srsieve, PrimeGrid, LLR
L3593	Veit, PSieve, Srsieve, PrimeGrid, LLR
L3594	Norris1, PSieve, Srsieve, PrimeGrid, LLR
L3595	Bratton1, PSieve, Srsieve, PrimeGrid, LLR
L3596	Bratton1, TwinGen, PrimeGrid, LLR
L3597	King1, PSieve, Srsieve, PrimeGrid, LLR
L3598	Marsman, PSieve, Srsieve, PrimeGrid, LLR
L3599	Svendsen, TwinGen, PrimeGrid, LLR
L3600	Patillaud, TwinGen, PrimeGrid, LLR

code	description
L3601	Jablonski1, PSieve, Srsieve, PrimeGrid, LLR
L3602	Shimizu, TwinGen, PrimeGrid, LLR
L3603	Sorensen, TwinGen, PrimeGrid, LLR
L3604	Hilbich, PSieve, Srsieve, PrimeGrid, LLR
L3605	Hilbich, TwinGen, PrimeGrid, LLR
L3606	Sander, TwinGen, PrimeGrid, LLR
L3607	Kasprzyca, PSieve, Srsieve, PrimeGrid, LLR
L3608	Athanas, TwinGen, PrimeGrid, LLR
L3609	Fesenko, PSieve, Srsieve, PrimeGrid, LLR
L3610	Batalov, Srsieve, CRUS, LLR
L3611	Vincent, TwinGen, PrimeGrid, LLR
L3612	Smits, PSieve, Srsieve, PrimeGrid, LLR
L3613	Salazar, TwinGen, PrimeGrid, LLR
L3614	Smith9, PSieve, Srsieve, PrimeGrid, LLR
L3615	Harris2, TwinGen, PrimeGrid, LLR
L3616	Englehard, PSieve, Srsieve, PrimeGrid, LLR
L3617	Falcone, PSieve, Srsieve, PrimeGrid, LLR
L3618	Lowder, TwinGen, PrimeGrid, LLR
L3619	Arthur1, PSieve, Srsieve, PrimeGrid, LLR
L3620	Eeckhoudt, PSieve, Srsieve, PrimeGrid, LLR
L3621	, TwinGen, PrimeGrid, LLR
L3622	Hovden, TwinGen, PrimeGrid, LLR
L3623	Johnson7, TwinGen, PrimeGrid, LLR
L3624	Simpson1, PSieve, Srsieve, PrimeGrid, LLR
L3625	Haymoz, PSieve, Srsieve, PrimeGrid, LLR
L3626	Takahashi2, TwinGen, PrimeGrid, LLR
L3627	Mot, TwinGen, PrimeGrid, LLR
L3628	High, TwinGen, PrimeGrid, LLR
L3629	Raab, PSieve, Srsieve, PrimeGrid, LLR
L3630	Brebois, PSieve, Srsieve, PrimeGrid, LLR
L3631	Karpin, TwinGen, PrimeGrid, LLR
L3632	Hartung, TwinGen, PrimeGrid, LLR
L3633	Milosch, TwinGen, PrimeGrid, LLR
L3634	Schmidt2, TwinGen, PrimeGrid, LLR
L3635	Blum, TwinGen, PrimeGrid, LLR
L3636	Swenson, TwinGen, PrimeGrid, LLR
L3637	Wasiewicz, TwinGen, PrimeGrid, LLR
L3638	Ollila, TwinGen, PrimeGrid, LLR
L3639	Janowiecki, TwinGen, PrimeGrid, LLR
L3640	Stopper, PSieve, Srsieve, PrimeGrid, LLR
L3641	Adams4, PSieve, Srsieve, PrimeGrid, LLR
L3642	Kasprzyca, TwinGen, PrimeGrid, LLR
L3643	Safarova, TwinGen, PrimeGrid, LLR
L3644	Vietor, TwinGen, PrimeGrid, LLR
L3645	Lewandowski, PSieve, Srsieve, PrimeGrid, LLR
L3646	Tai, PSieve, Srsieve, PrimeGrid, LLR
L3647	Smits, TwinGen, PrimeGrid, LLR
L3648	Schwegler, TwinGen, PrimeGrid, LLR
L3649	Zokov, PSieve, Srsieve, PrimeGrid, LLR
L3650	Smit, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3651	Bishop1, TwinGen, PrimeGrid, LLR
L3652	Amschl, TwinGen, PrimeGrid, LLR
L3653	Robins, TwinGen, PrimeGrid, LLR
L3654	Trovas, TwinGen, PrimeGrid, LLR
L3655	Odom, TwinGen, PrimeGrid, LLR
L3656	Jamet, PSieve, Srsieve, PrimeGrid, LLR
L3657	Jarvenpaa, PSieve, Srsieve, PrimeGrid, LLR
L3658	Furushima, PSieve, Srsieve, PrimeGrid, LLR
L3659	Volynsky, Srsieve, PrimeGrid, LLR
L3660	Kroob, PSieve, Srsieve, PrimeGrid, LLR
L3661	Hollander, TwinGen, PrimeGrid, LLR
L3662	Schawe, PSieve, Srsieve, PrimeGrid, LLR
L3663	Branish, PSieve, Srsieve, PrimeGrid, LLR
L3664	Kong1, PSieve, Srsieve, PrimeGrid, LLR
L3665	Kelava1, LLR
L3666	Bielecki, PSieve, Srsieve, PrimeGrid, LLR
L3667	Kozenko, TwinGen, PrimeGrid, LLR
L3668	Prokopchuk, PSieve, Srsieve, PrimeGrid, LLR
L3669	Kerr, TwinGen, PrimeGrid, LLR
L3670	Markowski, PSieve, Srsieve, PrimeGrid, LLR
L3671	Gunn, PSieve, Srsieve, PrimeGrid, LLR
L3672	Yanagida, PSieve, Srsieve, PrimeGrid, LLR
L3673	Hovden, PSieve, Srsieve, PrimeGrid, LLR
L3674	Yoshida2, TwinGen, PrimeGrid, LLR
L3675	Ledford, PSieve, Srsieve, PrimeGrid, LLR
L3676	Wight, PSieve, Srsieve, PrimeGrid, LLR
L3677	KjeldsenIII, TwinGen, PrimeGrid, LLR
M	Morain
MM	Morii
O	Oakes
p3	Dohmen, OpenPFGW
p5	Jobling, OpenPFGW
p8	Caldwell, OpenPFGW
p12	Water, OpenPFGW
p16	Heuer, OpenPFGW
p21	Anderson, Robinson, OpenPFGW
p35	Augustin, NewPGen, OpenPFGW
p41	Luhn, OpenPFGW
p44	Broadhurst, OpenPFGW
p49	Berg, OpenPFGW
p54	Water, Broadhurst, OpenPFGW
p58	Glover, Oakes, OpenPFGW
p65	DavisK, Kuosa, OpenPFGW
p72	Caldwell, ForEis, PhiSieve, PIES, OpenPFGW
p77	Harvey, MultiSieve, GenWoodall, OpenPFGW
p85	Marchal, Carmody, Kuosa, OpenPFGW
p100	Underbakke, Carmody, PRP, NewPGen, OpenPFGW
p102	Underwood, Frind, OpenPFGW
p114	Samidoost, FermFact, PRP, OpenPFGW
p116	Eaton, NewPGen, OpenPFGW

code	description
p133	Sun, NewPGen, OpenPFGW
p148	Yama, Noda, Nohara, PRP, NewPGen, MatGFN, OpenPFGW
p155	DavisK, NewPGen, OpenPFGW
p156	Murata, Noda, Nohara, PRP, NewPGen, MatGFN, OpenPFGW
p158	Paridon, NewPGen, OpenPFGW
p160	Ayuchan, AthGFNSieve, OpenPFGW
p164	Morain, Broadhurst, OpenPFGW
p166	Yamada, Noda, Nohara, PRP, NewPGen, MatGFN, OpenPFGW
p169	Eaton, PRP, NewPGen, OpenPFGW
p170	$Wu_T$ , <i>Primo</i> , <i>OpenPFGW</i>
p179	DavisK, APTreeSieve, OpenPFGW
p189	Bohanon, LLR, OpenPFGW
p190	DiMaria, NewPGen, OpenPFGW
p193	Irvine, Broadhurst, <i>Primo</i> , OpenPFGW
p196	Masser, Srsieve, PRP, SierpinskiRiesel, OpenPFGW
p199	Broadhurst, NewPGen, OpenPFGW
p221	AndersonLee, NewPGen, OpenPFGW
p227	Harvey, Srsieve, PRP, OpenPFGW
p231	Petat, Srsieve, PRP, CRUS, OpenPFGW
p235	Bedwell, OpenPFGW
p236	Cooper, PRP, NewPGen, OpenPFGW
p252	Oakes, NewPGen, OpenPFGW
p254	Vogel, Srsieve, CRUS, OpenPFGW
p255	Siemelink, Srsieve, CRUS, OpenPFGW
p256	Chatfield, Srsieve, CRUS, OpenPFGW
p258	Batalov, Srsieve, CRUS, OpenPFGW
p259	Underbakke, GenefX64, AthGFNSieve, OpenPFGW
p260	Harvey, Gcwsieve, MultiSieve, GenWoodall, OpenPFGW
p261	Gunn, Srsieve, CRUS, OpenPFGW
p262	Vogel, Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p265	Jaworski, Srsieve, Prime95, CRUS, OpenPFGW
p267	Domanov1, Srsieve, Prime95, CRUS, OpenPFGW
p268	Rodenkirch, Srsieve, CRUS, OpenPFGW
p269	Zhou, OpenPFGW
p271	Dettweiler, Srsieve, CRUS, OpenPFGW
p279	Domanov1, Srsieve, Prime95, Rieselprime, OpenPFGW
p280	Vogel, Srsieve, SierpinskiRiesel, OpenPFGW
p281	Domanov1, Srsieve, Prime95, NPLB, OpenPFGW
p284	Fredriksen, Srsieve, SierpinskiRiesel, OpenPFGW
p286	Batalov, Srsieve, OpenPFGW
p288	Boncompagni, OpenPFGW
p289	Steine, Srsieve, CRUS, OpenPFGW
p290	Domanov1, Fpsieve, PrimeGrid, OpenPFGW
p292	Dausch, Srsieve, SierpinskiRiesel, OpenPFGW
p294	Domanov1, Srsieve, Prime95, Rieselprime, OpenPFGW
p295	Angel, NewPGen, OpenPFGW
p296	Kaiser1, Srsieve, LLR, OpenPFGW
p297	Broadhurst, Srsieve, LLR, NewPGen, OpenPFGW
p300	Gramolin, NewPGen, OpenPFGW
p301	Winskill1, Fpsieve, PrimeGrid, OpenPFGW

code	description
p302	Gasewicz, Fpsieve, PrimeGrid, OpenPFGW
p304	Babb, Srsieve, SierpinskiRiesel, OpenPFGW
p305	Gasewicz, Srsieve, SierpinskiRiesel, OpenPFGW
p306	Poulter, Srsieve, SierpinskiRiesel, OpenPFGW
p307	Dinkel, Srsieve, SierpinskiRiesel, OpenPFGW
p308	DavisK, Underwood, NewPGen, PrimeForm <sub>e</sub> group, <i>OpenPFGW</i>
p309	Yama, GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p310	Hubbard, Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p311	DUrso, NewPGen, OpenPFGW
p312	Doggart, Fpsieve, PrimeGrid, OpenPFGW
p314	Hubbard, GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p315	Poulter, Srsieve, CRUS, OpenPFGW
p316	Yama, GeneFer, AthGFNSieve, PrimeGrid, OpenPFGW
p320	Hron, GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p321	Dinkel, Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p322	Harvey, Srsieve, NewPGen, OpenPFGW
p323	Myllyvirta, Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p324	Bliedung, Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p325	Broadhurst, Gcwsieve, MultiSieve, OpenPFGW
p332	Johnson6, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p333	Willig, Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p334	Goetz, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p335	Tervooren, OpenPFGW
p338	Tomecko, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p339	Zhou, LLR, OpenPFGW
p341	Schmidt2, Srsieve, PrimeGrid, SierpinskiRiesel, OpenPFGW
p342	Trice, OpenPFGW
p343	Brown1, GeneFer, AthGFNSieve, PrimeGrid, OpenPFGW
p346	Burt, Fpsieve, PrimeGrid, OpenPFGW
p349	Kaiser1, NewPGen, 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
p356	Rajala, Srsieve, NewPGen, OpenPFGW
p357	Gruenewald, Gcwsieve, GenWoodall, OpenPFGW
p358	Rajala, Srsieve, Proth.exe, OpenPFGW
p359	Rajala, PolySieve, OpenPFGW
p360	Kinne, Exoo, OpenPFGW
p362	Snow, Fpsieve, PrimeGrid, OpenPFGW
p363	Batalov, OpenPFGW
p364	Batalov, NewPGen, OpenPFGW
p365	Poplin, Srsieve, CRUS, OpenPFGW
p366	Demeyer, Siemlink, Srsieve, CRUS, OpenPFGW
p367	Lasher, Underwood, Ksieve, OpenPFGW
p368	Karpin, Srsieve, CRUS, OpenPFGW
PM	Mihailescu
S	Slowinski



code	description
SB10	Agafonov, SoBSieve, ProthSieve, Ksieve, Proth.exe, SB, PRP
SB11	Sunde, SoBSieve, ProthSieve, Ksieve, Proth.exe, SB, PRP
SB4	DiMichele, Proth.exe, SB, PRP
SB5	Coels, Proth.exe, SB, PRP
SB6	Sundquist, SoBSieve, ProthSieve, Ksieve, Proth.exe, SB, PRP
SB7	Team $_{primeRib}$ , SoBSieve, ProthSieve, Ksieve, SB, PRP
SB8	Gordon, SoBSieve, ProthSieve, Ksieve, Proth.exe, SB, PRP
SB9	Hassler, SoBSieve, ProthSieve, Ksieve, Proth.exe, SB, PRP
SG	Slowinski, Gage
WC	Colquitt, Welsh
WD	Dubner, Williams, Cruncher
WM	Morain, Williams
x13	Renze
x14	Steward, Primo, OpenPFGW
x16	Doumen, Beelen
x20	Irvine, Water, Broadhurst
x23	Water, Renze, Broadhurst, Primo, OpenPFGW
x24	Jarai $_Z$ , Farkas, Csajbok, Kasza, Jarai
x25	Water, Broadhurst, Primo, OpenPFGW
x28	Iskra
x29	Broadhurst, OpenPFGW
x33	Carmody, Water, Renze, Broadhurst, Primo, OpenPFGW
x34	Caldwell, Broadhurst, OpenPFGW
x36	Irvine, Carmody, Water, Renze, Broadhurst, Primo, OpenPFGW
x38	Broadhurst, Primo, OpenPFGW
x39	Dubner, Keller, Broadhurst, Primo, OpenPFGW
x41	Abatzoglou, Wong3, Silverberg, Sutherland
Y	Young