

1			
p	fac	*fam & n	
1		PRIME	non p
1 x 1	fam0 0		
1 x 7	fam0 0		
1 x 11	fam1 0		
1 x 13	fam1 0		
1 x 17	fam1 0		
1 x 19	fam1 0		
1 x 23	fam2 0		
1 x 29	fam2 0		

1,7			
p	fac	*fam & n	
7		PRIME	non p
7 x 7	fam0 0		
7 x 11	fam1 0		
7 x 13	fam1 0		
7 x 17	fam1 0		
7 x 19	fam1 0		
7 x 23	fam2 0		
7 x 29	fam2 0		
7 x 31	fam0 1		

1,11			
p	fac	*fam & n	
11		PRIME	non p
11 x 11	fam1 0		
11 x 13	fam1 0		
11 x 17	fam1 0		
11 x 19	fam1 0		
11 x 23	fam2 0		
11 x 29	fam2 0		
11 x 31	fam0 1		
11 x 37	fam0 1		

1,13			
p	fac	*fam & n	
13		PRIME	non p
13 x 13	fam1 0		
13 x 17	fam1 0		
13 x 19	fam1 0		
13 x 23	fam2 0		
13 x 29	fam2 0		
13 x 31	fam0 1		
13 x 37	fam0 1		
13 x 41	fam1 1		

1,17			
p	fac	*fam & n	
17		PRIME	non p
17 x 17	fam1 0		
17 x 19	fam1 0		
17 x 23	fam2 0		
17 x 29	fam2 0		
17 x 31	fam0 1		
17 x 37	fam0 1		
17 x 41	fam1 1		
17 x 43	fam1 1		

1,19			
p	fac	*fam & n	
19		PRIME	non p
19 x 19	fam1 0		
19 x 23	fam2 0		
19 x 29	fam2 0		
19 x 31	fam0 1		
19 x 37	fam0 1		
19 x 41	fam1 1		
19 x 43	fam1 1		
19 x 47	fam1 1		

1,23			
p	fac	*fam & n	
23		PRIME	non p
23 x 23	fam2 0		
23 x 29	fam2 0		
23 x 31	fam0 1		
23 x 37	fam0 1		
23 x 41	fam1 1		
23 x 43	fam1 1		
23 x 47	fam1 1		
23 x 49	fam1 1		

1,29			
p	fac	*fam & n	
29		PRIME	non p
29 x 29	fam2 0		
29 x 31	fam0 1		
29 x 37	fam0 1		
29 x 41	fam1 1		
29 x 43	fam1 1		
29 x 47	fam1 1		
29 x 49	fam1 1		
29 x 53	fam2 1		

1,31			
p	fac	*fam & n	
31		PRIME	non p
31 x 31	fam0 1		
31 x 37	fam0 1		
31 x 41	fam1 1		
31 x 43	fam1 1		
31 x 47	fam1 1		
31 x 49	fam1 1		
31 x 53	fam2 1		
31 x 59	fam2 1		

1,37			
p	fac	*fam & n	
37		PRIME	non p
37 x 37	fam0 1		
37 x 41	fam1 1		
37 x 43	fam1 1		
37 x 47	fam1 1		
37 x 49	fam1 1		
37 x 53	fam2 1		
37 x 59	fam2 1		
37 x 61	fam0 1		

1,41			
p	fac	*fam & n	
41		PRIME	non p
41 x 41	fam1 1		
41 x 43	fam1 1		
41 x 47	fam1 1		
41 x 49	fam1 1		
41 x 53	fam2 1		
41 x 59	fam2 1		
41 x 61	fam0 1		
41 x 67	fam0 1		

1,43			
p	fac	*fam & n	
43		PRIME	non p
43 x 43	fam1 1		
43 x 47	fam1 1		
43 x 49	fam2 1		
43 x 53	fam2 1		
43 x 59	fam2 1		
43 x 61	fam0 1		
43 x 67	fam0 1		
43 x 71	fam1 1		

1,47			
p	fac	*fam & n	
47		PRIME	non p
47 x 47	fam1 1		
47 x 49	fam1 1		
47 x 53	fam2 1		
47 x 59	fam2 1		
47 x 61	fam0 1		
47 x 67	fam0 1		
47 x 71	fam1 1		
47 x 73	fam1 1		

1,7,49			
p	fac	*fam & n	
49		NOT PRIME	non p
49 x 49	fam1 1		
49 x 53	fam2 1		
49 x 59	fam2 1		
49 x 61	fam0 1		
49 x 67	fam1 1		
49 x 71	fam1 1		
49 x 73	fam1 1		
49 x 77	fam1 1		

1,53			
p	fac	*fam & n	
53		PRIME	non p
53 x 53	fam2 1		
53 x 59	fam2 1		
53 x 61	fam0 1		
53 x 67	fam0 1		
53 x 71	fam1 1		
53 x 73	fam1 1		
53 x 77	fam1 1		
53 x 79	fam1 1		

1,59			
p	fac	*fam & n	
59		PRIME	non p
59 x 59	fam2 1		
59 x 61	fam0 1		
59 x 67	fam0 1		
59 x 71	fam1 1		
59 x 73	fam1 1		
59 x 77	fam1 1		
59 x 79	fam1 1		
59 x 83	fam2 1		

1,61			
p	fac	*fam & n	
61		PRIME	non p
61 x 61	fam0 1		
61 x 67	fam0 1		
61 x 71	fam1 1		
61 x 73	fam1 1		
61 x 77	fam1 1		
61 x 79	fam1 1		
61 x 83	fam2 1		
61 x 89	fam2 1		

1,67			
p	fac	*fam & n	
67		PRIME	non p
67 x 67	fam0 1		
67 x 71	fam1 1		
67 x 73	fam1 1		
67 x 77	fam1 1		
67 x 79	fam1 1		
67 x 83	fam2 1		
67 x 89	fam2 1		
67 x 91	fam0 1		

1,71			
p	fac	*fam & n	
71		PRIME	non p
71 x 71	fam1 1		
71 x 73	fam1 1		
71 x 77	fam1 1		
71 x 79	fam1 1		
71 x 83	fam2 1		
71 x 89	fam2 1		
71 x 91	fam0 1		
71 x 97	fam0 1		

1,73			
p	fac	*fam & n	
73		PRIME	non p
73 x 73	fam1 1		
73 x 77	fam1 1		
73 x 79	fam1 1		
73 x 83	fam2 1		
73 x 89	fam2 1		
73 x 91	fam0 1		
73 x 97	fam0 1		
73 x 101	fam1 1		

1,7,11,77			
p	fac	*fam & n	
77		NOT PRIME	non p
77 x 77	fam1 1		
77 x 79	fam1 1		
77 x 83	fam2 1		
77 x 89	fam2 1		
77 x 91	fam0 1		
77 x 97	fam0 1		
77 x 101	fam1 1		
77 x 103	fam1 1		

1,79			
p	fac	*fam & n	
79		PRIME	non p
79 x 79	fam1 1		
79 x 83	fam2 1		
79 x 89	fam2 1		
79 x 91	fam0 1		
79 x 97	fam0 1		
79 x 101	fam1 1		
79 x 103	fam1 1		
79 x 107	fam1 1		

1,83			
p	fac	*fam & n	
83		PRIME	non p
83 x 83	fam2 1		
83 x 89	fam2 1		
83 x 91	fam0 1		
83 x 97	fam0 1		
83 x 101	fam1 1		
83 x 103	fam1 1		
83 x 107	fam1 1		
83 x 109	fam1 1		

1,89			
p	fac	*fam & n	
89		PRIME	non p
89 x 89	fam2 1		
89 x 91	fam0 1		
89 x 97	fam0 1		
89 x 101	fam1 1		
89 x 103	fam1 1		
89 x 107	fam1 1		
89 x 109	fam1 1		
89 x 113	fam2 1		

1,7,13,91			
p	fac	*fam & n	
91		NOT PRIME	non p
91 x 91	fam0 1		8281
91 x 97	fam0 1		8827
91 x 101	fam1 1		9181
91 x 103	fam1 1		9391
91 x 107	fam1 1		9691
91 x 109	fam1 1		9891
91 x 113	fam2 1		10289
91 x 119	fam2 1		10829
91 x 127	fam2 1		11577

1,97			
p	fac	*fam & n	
97		PRIME	non p
97 x 97	fam0 1		9409
97 x 101	fam1 1		9797
97 x 103	fam1 1		9991
97 x 107	fam1 1		10387
97 x 109	fam1 1		10589
97 x 113	fam2 1		10981
97 x 119	fam2 1		11577
97 x 121	fam0 1		11781
97 x 127	fam0 1		12377

1,101			
p	fac	*fam & n	
101		PRIME	non p
101 x 101	fam1 1		10201
101 x 103	fam1 1		10403
101 x 107	fam1 1		10807
101 x 109	fam1 1		11009
101 x 113	fam2 1		11413
101 x 119	fam2 1		12019
101 x 121	fam0 1		12221
101 x 127	fam0 1		12827

1,103			
p	fac	*fam & n	
103		PRIME	non p
103 x 103	fam1 1		10609
103 x 107	fam1 1		11021
103 x 109	fam1 1		11227
103 x 113	fam2 1		11639
103 x 119	fam2 1		12247
103 x 121	fam0 1		12451
103 x 127	fam0 1		13057
103 x 131	fam1 1		13469

1,107			
p	fac	*fam & n	
107		PRIME	non p
107 x 107	fam1 1		11449
107 x 109	fam1 1		11663
107 x 113	fam2 1		12081
107 x 119	fam2 1		12703
107 x 121	fam0 1		12947
107 x 127	fam0 1		13589
107 x 131	fam1 1		14017
107 x 133	fam1 1		14231

1,109			
p	fac	*fam & n	
109		PRIME	non p
109 x 109	fam1 1		11881
109 x 113	fam2 1		12317
109 x 119	fam2 1		12971
109 x 121	fam0 1		13189
109 x 127	fam0 1		13843
109 x 131	fam1 1		14279
109 x 133	fam1 1		14497
109 x 137	fam1 1		14933

1,113			
p	fac	*fam & n	
113		PRIME	non p
113 x 113	fam2 1		12769
113 x 119	fam2 1		13447
113 x 121	fam0 1		13669
113 x 127	fam0 1		14351
113 x 131	fam1 1		14803
113 x 133	fam1 1		15029
113 x 137	fam1 1		15481
113 x 139	fam1 1		15707

1,7,17,119			
p	fac	*fam & n	
119		NOT PRIME	non p
119 x 119	fam2 1		14161
119 x 121	fam0 1		14399
119 x 127	fam0 1		15113
119 x 131	fam1 1		15589
119 x 133	fam1 1		15827
119 x 137	fam1 1		16303
119 x 139	fam1 1		16541
119 x 143	fam2 1		17017