Input Here	Factors
13	1,13
PRIME	

			1	7	11	13	17	19	23	29	Factors
1		13									
	1	13				0					1,13
	7	91	3								1,7,13,91
	11	143							4		1,11,13,143
	13	169						5			1,13,169
	17	221			7						1,13,17,221
	19	247		8							1,13,19,247
	23	299								9	1,13,23,299
	29	377					12				1,13,29,377
2		13	1	7	11	13	17	19	23	29	Factors
	31	403				13					1,13,31,403
	37	481	16								1,13,37,481
	41	533							17		1,13,41,533
	43	559						18			1,13,43,559
	47	611			20						1,13,47,611
	49	637		21							1,7,13,49,91,637
	53	689								22	1,13,53,689
	59	767					25				1,13,59,767
3		13	1	7	11	13	17	19	23	29	Factors
	61	793				26					1,13,61,793
	67	871	29								1,13,67,871
	71	923							30		1,13,71,923
	73	949						31			1,13,73,949
	77	1001			33						1,7,11,13,77,91,143,1001
	79	1027		34							1,13,79,1027
	83	1079								35	1,13,83,1079
	89	1157					38				1,13,89,1157
4		13	1	7	11	13	17	19	23	29	Factors
	91	1183				39					1,7,13,91,169,1183
	97	1261	42								1,13,97,1261
	101	1313							43		1,13,101,1313
	103	1339						44			1,13,103,1339
	107	1391			46						1,13,107,1391
	109	1417		47							1,13,109,1417
	113	1469								48	1,13,113,1469
	119	1547					51				1,7,13,17,91,119,221,1547
5		793	1	7	11	13	17	19	23	29	Factors
	121	1573				52					1,11,13,121,143,1573
	127	1651	55								1,13,127,1651
	131	1703							56		1,13,131,1703
	133	1729						57			1,7,13,19,91,133,247,1729
	137	1781			59						1,13,137,1781
	139	1807		60							1,13,139,1807
	143	1859								61	1,11,13,143,169,1859
	149	1937					64				1,13,149,1937
6		1183									Factors
	151	1963				65					1,13,151,1963
	157	2041	68								1,13,157,2041
	161	2093							69		1,7,13,23,91,161,299,2093
	163	2119						70			1,13,163,2119
	167	2171			72						1,13,167,2171
	169	2197		73							1,13,169,2197
	173	2249								74	1,13,173,2249
	179	2327					77				1,13,179,2327
7		1573									Factors
	181	2353				78					1,13,181,2353
	187	2431	81								1,11,13,17,143,187,221,2431
	191	2483							82		1,13,191,2483
	193	2509						83			1,13,193,2509
	197	2561			85						1,13,197,2561
	199	2587		86							1,13,199,2587
	203	2639								87	1,7,13,29,91,203,377,2639
	209	2717					90				1,11,13,19,143,209,247,2717

Input Here	Factors
17	1,17
PRIME	

			1	7	11	13	17	19	23	29	Factors
1		17									
	1	17					0				1,17
	7	119								3	1,7,17,119
	11	187		6							1,11,17,187
	13	221			7						1,13,17,221
	17	289						9			1,17,289
	19	323							10		1,17,19,323
	23	391	13								1,17,23,391
	29	493				16					1,17,29,493
2		17	1	7	11	13	17	19	23	29	Factors
	31	527					17				1,17,31,527
	37	629								20	1,17,37,629
	41	697		23							1,17,41,697
	43	731			24						1,17,43,731
	47	799						26			1,17,47,799
	49	833							27		1,7,17,49,119,833
	53	901	30								1,17,53,901
	59	1003				33					1,17,59,1003
3		17	1	7	11	13	17	19	23	29	Factors
	61	1037					34				1,17,61,1037
	67	1139								37	1,17,67,1139
	71	1207		40							1,17,71,1207
	73	1241			41						1,17,73,1241
	77	1309						43			1,7,11,17,77,119,187,1309
	79	1343							44		1,17,79,1343
	83	1411	47								1,17,83,1411
	89	1513				50					1,17,89,1513
4		17	1	7	11	13	17	19	23	29	Factors
	91	1547					51				1,7,13,17,91,119,221,1547
	97	1649								54	1,17,97,1649
	101	1717		57							1,17,101,1717
	103	1751			58						1,17,103,1751
	107	1819						60			1,17,107,1819
	109	1853							61		1,17,109,1853
	113	1921	64								1,17,113,1921
	119	2023				67					1,7,17,119,289,2023
5		1037	1	7	11	13	17	19	23	29	Factors
	121	2057					68				1,11,17,121,187,2057
	127	2159								71	1,17,127,2159
	131	2227		74							1,17,131,2227
	133	2261			75						1,7,17,19,119,133,323,2261
	137	2329						77			1,17,137,2329
	139	2363							78		1,17,139,2363
	143	2431	81								1,11,13,17,143,187,221,2431
	149	2533				84					1,17,149,2533
6		1547									Factors
	151	2567					85				1,17,151,2567
	157	2669								88	1,17,157,2669
	161	2737		91							1,7,17,23,119,161,391,2737
	163	2771			92						1,17,163,2771
	167	2839						94			1,17,167,2839
	169	2873							95		1,13,17,169,221,2873
	173	2941	98								1,17,173,2941
	179	3043				101					1,17,179,3043
7		2057									Factors
	181	3077					102				1,17,181,3077
	187	3179								105	1,11,17,187,289,3179
	191	3247		108							1,17,191,3247
	193	3281			109						1,17,193,3281
	197	3349						111			1,17,197,3349
	199	3383							112		1,17,199,3383
	203	3451	115								1,7,17,29,119,203,493,3451
	209	3553				118					1,11,17,19,187,209,323,3553