

Comparing Running Times

	1 second	1 minute	1 hour	1 day	1 month	1 year	1 century
lg n	2**1000000	2**60000000	2**360000000.0	2**8640000000.0	2**259200000000.0	2**3153600000000.0	2**315360000000000.0
n ^{1/2}	1000000000000	360000000000000	1.296e+17	7.46496e+21	6.718464e+24	9.94519296e+26	9.94519296e+30
n	1000000	60000000	360000000.0	8640000000.0	259200000000.0	3153600000000.0	315360000000000.0
n lg n	62744.140625	2801513.671875	15095214.84375	2755371093.75	71873657226.5625	797590942382.8125	68607257080078.125
n ²	1000.0	7745.966692414834	18973.665961010276	293938.7691339814	1609968.9437998487	5615692.299262843	56156922.99262843
n ³	99.9999999999997	391.4867641168862	711.3786608980123	4420.837798368462	13736.570910639975	31593.824569028606	146645.54333072423
2 ⁿ	19	25	28	36	41	44	51
n!	9	11	11	13	15	16	17