











Free Theorem 1 Relative growth: $G(n) = \frac{f(n)}{f(5)}$							
	Comple	xity	Input size n				
	Function	f(<i>n</i>)	5	25	125	625	
	Constant	1	1	1	1	1	
	Logarithm	log n	1	2	3	4	
	Linear	n	1	5	25	125	
	"n log n"	n log n	1	10	75	500	
	Quadratic	<i>n</i> ²	1	25	625	15,625	1
	Cubic	<i>n</i> ³	1	125	15,625	59	
	Exponential	2 ⁿ	1	2 ²⁰	2120	2620	
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