

2.

N	Best Case Time (ms)	Average Case Time (ms)	Worst Case Time (ms)
1000	10	15	100
8000	104	156	6400
15000	208	312	22500
22000	317	475	48400
29000	429	643	84100
36000	544	815	129600
43000	661	991	184900
50000	779	1169	250000
57000	899	1349	324900
64000	1021	1531	409600
71000	1144	1715	504100
78000	1267	1901	608400
85000	1391	2087	722500
92000	1516	2274	846400
99000	1642	2463	980100

