EXPERIMENTAL ANALYSIS

n	Sort Time Elapsed(ms)	Ref. Func. Value	Sort Time:Ref Func Ratio
200	1	1000	0.001
400	0	2000	0
800	1	4800	2.08E-04
1600	1	11200	8.93E-05
3200	2	25600	7.81E-05
6400	1	51200	1.95E-05
12800	2	115200	1.74E-05
25600	4	256000	1.56E-05
51200	8	512000	1.56E-05
102400	15	1126400	1.33E-05
204800	41	2457600	1.67E-05
409600	77	4915200	1.57E-05
819200	66	10649600	6.20E-06
1638400	142	22937600	6.19E-06
3276800	295	49152000	6.00E-06
6553600	576	98304000	5.86E-06
13107200	1125	209715200	5.36E-06
26214400	2359	445644800	5.29E-06
52428800	4877	891289600	5.47E-06
104857600	10221	1887436800	5.42E-06