

Value of n	Time
100	0.017741203
200	0.037158966
500	0.039060354
1000	0.039559841
2000	0.09611249
5000	0.156000853
10000	0.308515072
15000	0.530193329
20000	0.742611408
30000	1.092582941
40000	1.426769495
50000	1.98977232



