

1. Results table:

Num_tosses	Result	Distance from Pi
8	4	0.858407346
16	4	0.858407346
32	3	0.141592654
64	3	0.141592654
128	2.75	0.391592654
256	3.125	0.016592654
512	3.4375	0.295907346
1024	3.28125	0.139657346
2048	3.25	0.108407346
4096	3.195312	0.053719346
8192	3.144531	0.002938346
16384	3.101562	0.040030654
32768	3.110352	0.031240654
65536	3.121094	0.020498654
131072	3.132324	0.009268654
262144	3.128784	0.012808654
524288	3.133972	0.007620654
1048576	3.146149	0.004556346

From the table, we can see that as num\_tosses increases the result of the estimate trends closer to the actual value of Pi. This makes sense because as more and more tosses at the dart board occur, the more darts are likely to land within the area of the circle.