

Number of Games	Number of Darts per Game	Pi Estimate	Standard Deviation
10	10	3.44	0.408
10	100	3.116	0.156
10	1000	3.143	0.045
100	10	3.536	0.559
100	100	3.165	0.169
100	1000	3.148	0.054
1000	10	3.424	0.554
1000	100	3.168	0.164
1000	1000	3.141	0.054
10	1000000	3.141	0.001
100	1000000	3.142	0.002
1000	1000000	3.142	0.002

Number of Games	Number of Darts per Game	Pi Estimate	Standard Deviation
10	1000000	3.141	0.002
10	1000000	3.142	0.002
10	1000000	3.141	0.001
10	1000000	3.142	0.001
10	1000000	3.142	0.001
10	1000000	3.142	0.002
10	1000000	3.141	0.002

Number of Games	Number of Darts Per Game	Pi Estimate	Standard Deviation
1000	1000	3.146	0.053
1000	1000	3.143	0.052
1000	1000	3.145	0.053
1000	1000	3.145	0.052
1000	1000	3.144	0.053
1000	1000	3.144	0.051
1000	1000	3.147	0.050

I discovered that the number of games has very little effect on the Pi Estimation. The number of darts had a more direct impact on the closeness to pi.