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### Pi Simulation

**How many darts did you need in a game in order to reliably compute Pi to 3 digits (3.14)?**

In order to consistently get 3.14, I needed to put in at least 100,000 darts per game. The numbers usually became more accurate when around 1,000,000 darts were thrown per game.

**What was the standard deviation in this case?**

The standard deviation in this case was usually around 0.0015.