



F. N. (Florence Nightingale) David (1909-1993)

Professor, Department Head, statistician for the army in WWII

When she wasn't allowed to ask questions in a very famous professor's class because she was a woman, she didn't let that stop her from succeeding: *"I would sit next to [other students] and I'd say "Ask him! Ask him!"... I would go spend about three hours in the library to try to understand what he was up to."*



Statisticians like F. N. David often study probability and random events using objects like coins, spinners, and dice.

Find a partner and try this game: You roll one die 3 times while your partner keeps score. If you get at least one 6 in 3 rolls, YOU get a point. If you don't get a 6, then YOUR PARTNER gets a point. Then you roll again. The first person to get five points wins.

Do you think this a fair game? “Fair” in probability means that you each have the same chance to win the game.