

Probability:

Batting .300: Probability of a hit is .3.

In a game with 4 AB, how likely is it that the player will get at least one hit?

What are the breakdowns for number of hits; 0,1,2,3,4?

How likely is it that a .300 hitter will have a 10 game hitting streak?

20 game?

What about a .350 hitter?

If each team is equally likely to win a game;

What is the probability that a team leading the World Series 3-2 will win the series?

How likely is it that a team will sweep?

What is the probability that the series will last 4,5,6,7 games?

If a team takes a 1-0 lead, what's the probability that they will win the series?

What if the home team wins 55% of the games and the series goes AABBBAA?