



Paper-Scissors-Rock Game Probability Investigation



I can represent possible outcomes in fraction format.

1. List all of the likely outcomes in a game of paper-scissors-rock.

2. What is the probability (in fraction format) that someone will use a 'paper' move?

3. What is the probability (in fraction format) that someone will use a 'rock' move?

4. What is the probability (in fraction format) that you will win a game of paper-scissors-rock playing against one person?

5. With a partner, play 10 games of paper-scissors-rock and record each win as a tally mark.

Player 1	Player 2

6. Write your 'wins' as a fraction.

7. Was the actual outcome different to the probability of winning?
