

Rock, Paper Scissors Probability Activity – Pre-Assessment Quiz – **Answers**

1. In your own words, define *probability*?

Probability is the chance that an event will occur.

2. If you flip a coin, what is the probability that it will land on tails?

1/2

3. You are playing the game “Rock, Paper, Scissor” against your friend, what is the probability that your friend will throw a rock?

1/3

4. How likely is it for a lion to learn how to fly? (please circle ONE answer)

- a. certain
- b. probable
- c. unlikely
- d. impossible**

5. In a bag you have:

- 3 yellow cubes
- 4 red cubes
- 1 blue cube
- 6 green cubes

Out of the cubes in the bag, what is the probability that you will pick a yellow cube?

3 yellow cubes, and a total of 14 cubes

Probability = 3/14

