Rock, Paper Scissors Probability Activity – Post-Assessment Quiz – Answers

1. 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 green cube?

   6 green cubes, and a total of 14 cubes

   Probability = 6/14