*![C:\Users\yowell\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\GDTK2Z99\MC900055357[1].wmf]()***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.**

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

**1/2**

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

**1/3**

1. How likely is it for a lion to learn how to fly? (please circle ONE answer)
2. certain
3. probable
4. unlikely
5. impossible
6. 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**