Name:

Predicting Probability

1. Define Experimental Probability.

You will need a **coin** and a **die**.

2. As an experiment, you will **flip a coin 8 times**.

   a. **Before starting**, predict how many times you might flip Heads:

   _____ times.

   b. Do the experiment. **Record your results** in the tally chart.

Heads	Tails

I flipped Heads _____ times.

   c. **If** you flipped the coin 16 times instead of 8, about how many times **do you think** you'd land on Heads? _____ times.

3. As an experiment, you will **roll a die 12 times**.

   a. **Before starting**, predict how many times you might roll a 6:

   _____ times.

   b. Do the experiment. **Record your results** in the tally chart.

1	2	3	4	5	6

I rolled a 6 _____ times

   c. **If** you rolled the die 24 times, about how many times **do you think** you'd roll a 6? _____ times.