**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MONDAY**

What is probability? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part I: Probability with a spinner**

1. If you were to play a game using the spinner below, where could the spinner land?

****a) red

b) red or yellow

c) red, yellow, or blue

d) red, yellow, blue, or green

2. If you were to play a game using the spinner below, would you say that the spinner was fair? Why or why not?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What is the chance that the spinner would land on green?

a) 3 out of 3 b) 3 out of 12

c) 12 out of 3 c) 6 out of 12

What is the chance that the spinner will land on red? \_\_\_\_\_\_\_\_

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**Predicting Outcomes/Probability**

**TUESDAY**

**Part I: Probability with a coin.**

1. If you chose a coin and flipped it, what could the coin land on? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Choose a coin and flip it 100 times. Record the results using tally marks in the chart below.

|  |  |
| --- | --- |
| Heads |  |
| Tails |  |

How many times did your coin land on heads? \_\_\_\_\_\_\_\_

How many times did your coin land on tails? \_\_\_\_\_\_\_\_

Is the sum of the two outcomes 100? \_\_\_\_\_\_\_\_\_

**Part II: Review of counting coins**

*Count the sets of coins below. Which set of coins is the most? Which set of coins is the least?*





**WEDNESDAY**

**Part I: Probability with items.**

1. Ms. Hamilton was sorting out the sports equipment below

If Ms. Hamilton were to reach into her equipment bag and pull out a ball at random, list the probability that she would pull out:

A ball – \_\_\_\_\_\_\_\_\_\_ A pool ball - \_\_\_\_\_\_\_\_\_\_

A baseball - \_\_\_\_\_\_\_\_\_ A tennis ball - \_\_\_\_\_\_\_\_\_\_

2. Make a tally chart of the fruits shown below



|  |  |
| --- | --- |
| Bananas |  |
| Oranges |  |
| Apples  |  |

Without looking, what is the probability that the grocer would choose:

A piece of fruit - \_\_\_\_\_\_\_\_\_ A banana - \_\_\_\_\_\_\_\_\_

An orange - \_\_\_\_\_\_\_\_\_ An apple - \_\_\_\_\_\_\_\_\_

**THURSDAY**

**Part I: Review the following bar graphs.**

****

1. How many more carrots were there than potatoes?

\_\_\_\_\_\_\_

2. How many vegetables were there altogether?

\_\_\_\_\_\_\_



3. What is the difference between the number of yellow blocks compared to the number of light bulbs? \_\_\_\_\_\_\_\_\_

4. Is there a better chance of choosing a yellow block or a light bulb?

\_\_\_\_\_\_\_\_\_