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

**MONDAY**

*Match the probability vocabulary word with its’ correct definition.*

An event with the probability of 0. **certain**

Will not happen.

An event with the probability that is close **unlikely**

to 1. Has a good chance of happening

An event with the probability close to 0. **Impossible**

Very low chance of happening.

An outcome with the same probability. **Equally likely**

50/50 chance of happening.

The chance that an event will happen. **Likely**

An event with the probability of 1. **Probability**

100% chance of the event happening.

*Using the vocabulary above, determine the probability for the*

**5) Which color is the spinner MOST LIKELY to land on? And how do you know?**

****

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*following situations. Explain your choice.*

7) What is the probability that the sun will rise tomorrow

morning?

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

8) What is the probability that you will need to wear a coat to

school tomorrow?

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

9) What is the probability that they sky will turn purple?

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

10) What is the probability that you will get a good night’s sleep?

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

**Probability HW**

**TUESDAY**

*Explore probability.*

1) What is the probability that a coin will land on heads? \_\_\_\_\_\_\_\_\_\_\_

2) Write the fraction that represents the probability that a coin

will land on heads \_\_\_\_\_\_\_\_\_\_\_\_

3) Toss a coin 100 times. Record your tosses with tally marks in

the chart below:

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

4) Was your probability prediction correct? Explain. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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**WEDNESDAY**

|  |  |  |
| --- | --- | --- |
| **Problem**Abby went to McDonalds and bought a milk shake for $1.85. She gives the clerk $5.00. How much change should she get back? | **Draw your answer here using coins and bills.** | **Show your answer here using subtraction** |
| **Problem**Jake gives the cashier $5.00. He purchased a t-shirt for $3.68. How much change will he get back? | **Draw your answer here using coins and bills.** | **Show your answer here using subtraction** |

****

**2. Mrs. Taft has these flowers and vases to choose from. How many combinations of flower and vase can Mrs. Taft make?**

****

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Reed has to choose from these hats and shirts**

**for a costume. How many different combinations of one hat and one shirt can Reed make?**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Look at the tally chart below and answer the following questions:**

****3. What is the probability that you would pick a yellow marble?

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

4. What is the likelihood that you would pull out a red or green marble?

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

**THURSDAY**

**Solve each answer by making the correct change**

**Tiana went to Sweet Frog for some FroYo. She just couldn’t decide what she wanted so she needs your help. Make a list of all of the possible combinations Tiana could choose from the table below.**

|  |  |
| --- | --- |
| **Cheesecake FroYo** | **Graham crumbs** |
| **Mint Chocolate FroYo** | **Gummy Bears** |
| **Red Velvet FroYo** | **Crushed Oreos** |