

 **1) What is the likelihood that the spinner will land on RED?**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ What fraction of the spinner**

 **YELLOW BLUE is RED? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **2) What is the likelihood that the spinner will land on BLUE?**

 **BLUE RED \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **What fraction of the spinner is BLUE? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **YELLOW**

 **3) What is the likelihood that the spinner will land on YELLOW?**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ What fraction of the spinner is**

 **YELLOW? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PART III: Use the probability vocabulary words from part I, and the spinner below, to answer the following questions.**







**PART IV: Would it be fair if I was playing a game with my friend and we had different spinners like the ones shown below? Why or why not? Explain below.**





**Player 1’s spinner Player 2’s spinner**

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

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**2 If the following marbles were in a baggie and you pulled one out without looking, what is the probability that you would pull out:**

 **a) light marble = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **b) dark marble = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **c) a striped marble = \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **d) a round marble = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please place the fractions on the number line (hint: place 0 and 1 first!)**



**THURSDAY PROBABILITY HW #4**

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

**PART I: Using impossible, unlikely, equally likely, likely, and certain answer the following questions.**

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 **1) If I randomly chose a marble, what is the**

**chance that the marble will be light colored? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2) What is the chance that I will choose a broken marble? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**3) What is the chance that the spinner will land on the dark area? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4) What is the chance that the spinner will land on the light area? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PART II: Use the number line to answer the following question.**

**PART III: Solve the following multiplication problems.**

**6) 73 7) 12 8) 55 9) 12 10) 6x7=**

 **x 4 x 35 x 41 x 8**