

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

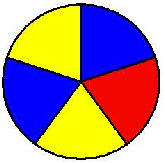
**YELLOW**

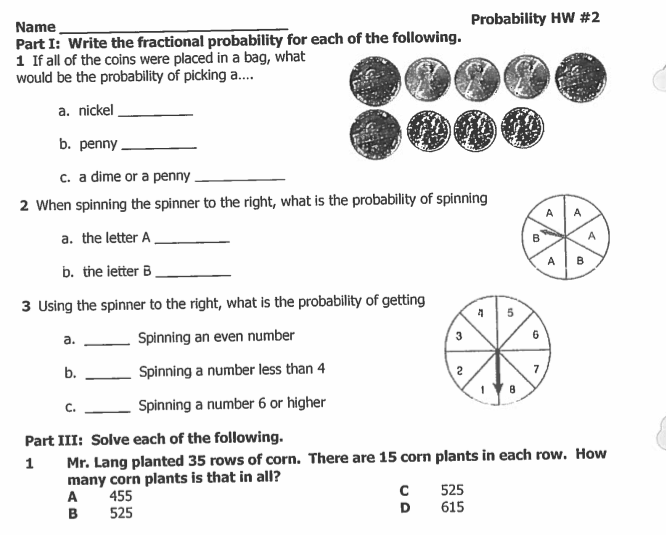
**3) What is the likelihood that the spinner will land on YELLOW?**

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

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

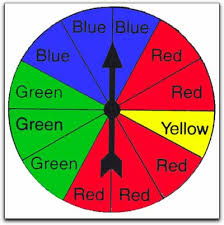
**PART III: Use the probability vocabulary words from part I, and the spinner below, to answer the following questions.**

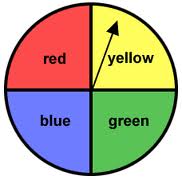






**PART IV: Would it be fair if I was playing a game with my friend and we had different spinners like the ones shown below? Why or why not? Explain below.**

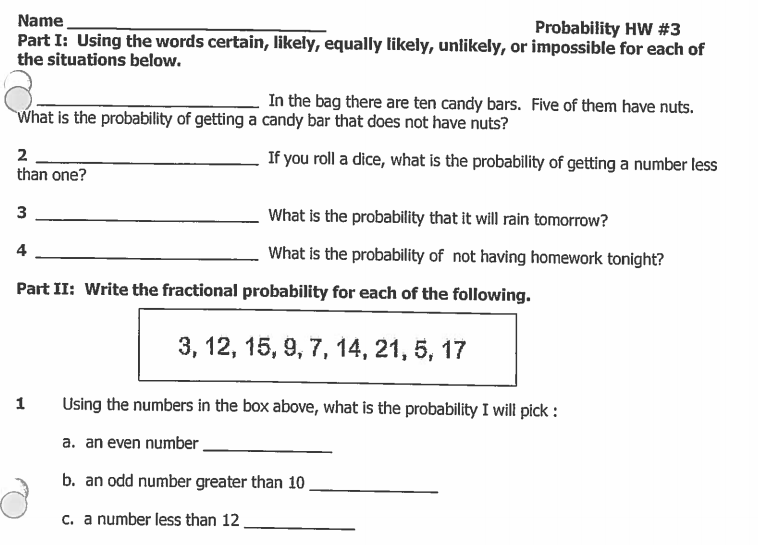


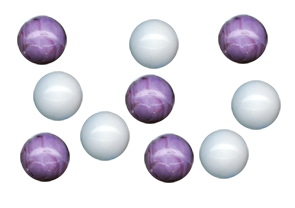


**Player 1’s spinner Player 2’s spinner**

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

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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 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

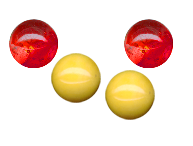
**Please place the fractions on the number line (hint: place 0 and 1 first!)**

Macintosh HD:Users:jtownsend:Desktop:Screen Shot 2014-12-09 at 10.23.13 AM.png

**THURSDAY PROBABILITY HW #4**

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

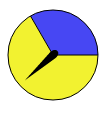
**PART I: Using impossible, unlikely, equally likely, likely, and certain answer the following questions.**

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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**