

Name \_\_\_\_\_ Date \_\_\_\_\_

**Skills Maintenance****Translating Percent Problems****Activity 1****Solve the percent problems.**

1. The tax rate is 6% and your purchase is \$250. How much tax will you pay?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}}$$

2. What is the 15% tip for a \$80 meal?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}}$$

3. What is the interest earned on \$3,000 at a 3% rate?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}}$$

4. What is the discount amount for 25% off from \$50?

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}}$$

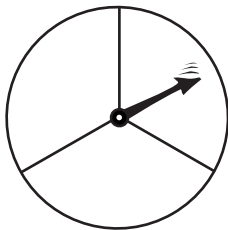
Name \_\_\_\_\_ Date \_\_\_\_\_

**Apply Skills**  
**Making Sense of Proportional Reasoning**

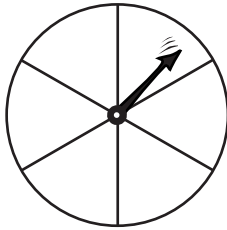
**Activity 1**

Color each set of spinners so there is an equal chance of landing on a colored section in both spinners.

1.

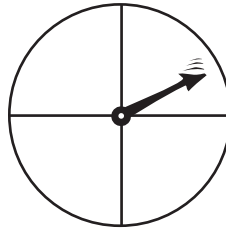


Drawing 1

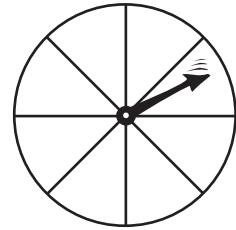


Drawing 2

2.

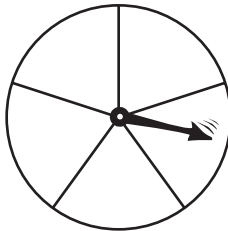


Drawing 1

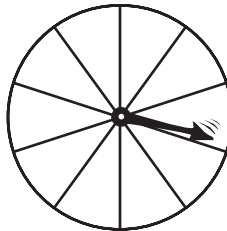


Drawing 2

3.

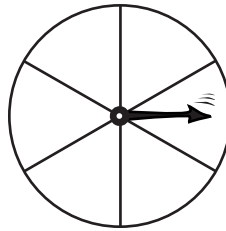


Drawing 1

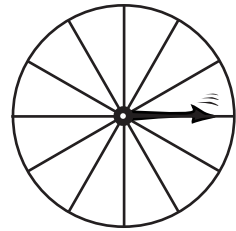


Drawing 2

4.



Drawing 1



Drawing 2

Name \_\_\_\_\_ Date \_\_\_\_\_

**Activity 2**

Answer the questions about proportions.

- The two jars of marbles have dark and light marbles in them. Each jar has a different amount of marbles. Are the chances of drawing a dark marble from each jar the same or different? If they are different, which drawing gives you the best chance of drawing a dark marble?

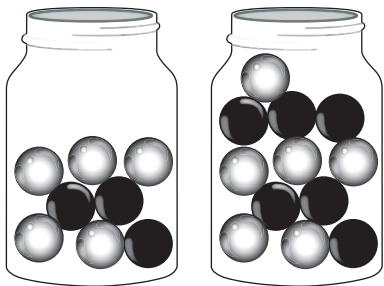
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**Drawing 1      Drawing 2**

- You can make chocolate milk from chocolate syrup and milk. The syrup is what makes it taste sweet. Does each glass of chocolate milk taste the same or is one glass sweeter than the other?

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**3 ounces of syrup      5 ounces of syrup**  
**6 ounces of milk      10 ounces of milk**

**mBook Reinforce Understanding**  
 Use the mBook *Study Guide* to review lesson concepts.