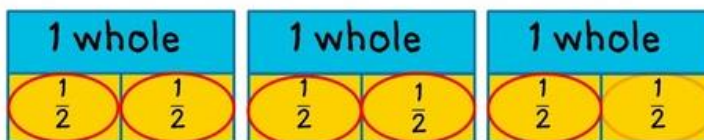


Models of Division: Dividing by a Unit Fraction

$$3 \div \frac{1}{2} = ?$$

How many halves are in three?



There are two halves in every whole,



Models of Division: Dividing by a Unit Fraction

Materials:

- Recording sheet or math journal
- Cuisenaire rods and other fraction manipulatives

Directions:

- 1) Model the expression $5 \div \frac{1}{2}$ in two ways.
 - Model 1 - Use Cuisenaire Rods. Determine the whole.
 - Model 2 - Use fraction tiles or squares.
- 2) Model the expression $2 \div \frac{1}{3}$ using numbers, models, pictures and/or words.
- 3) Model $4 \div \frac{1}{6}$ using numbers, models, pictures and/or words.
- 4) Compare your model to a classmate's model. Discuss how they are similar and how differ.
- 5) Create a model of another whole number divided by a fraction expression.
- 6) What patterns do you notice when you divide a whole number by a fraction?

Name _____

Date _____

Models of Division: Dividing by a Unit Fraction - Recording Sheet

<p>Model the expression $5 \div \frac{1}{2}$ in two ways.</p>	<p>Model $2 \div \frac{1}{3}$ using numbers, models, pictures and/or words.</p>
<p>Model $4 \div \frac{1}{6}$ using numbers, models, pictures and/or words.</p>	<p>Create a model of another whole number divided by a fraction expression.</p>
<p>Compare your model to a classmate's model. How they are similar and how differ?</p>	<p>What patterns do you notice when you divide a whole number by a fraction?</p>

Graphics and Fonts

