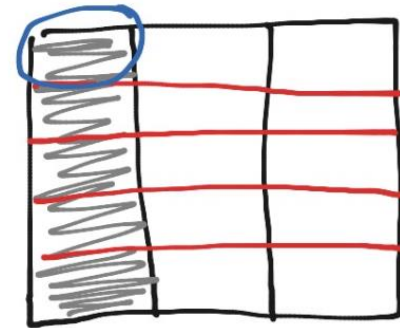


Models of Division:

Dividing a Unit Fraction by a Whole Number



$$\frac{1}{3} \div 5 = \frac{1}{15}$$



Models of Division: Dividing a Unit Fraction by a Whole Number

Materials:

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

Directions:

- 1) Model the expression $\frac{1}{2} \div 4$ in two ways.
 - Model 1 - Use Cuisenaire Rods. Determine the whole.
 - Model 2 - Use fraction tiles or squares.
- 2) Model the expression $\frac{1}{3} \div 5$ using numbers, models, pictures and/or words.
- 3) Model $\frac{1}{6} \div 3$ 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 fraction divided by a whole number.
- 6) What patterns do you notice when you divide a fraction by a whole number?

Name _____

Date _____

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

<p>Model the expression $1/2 \div 4$ in two ways.</p>	<p>Model $1/3 \div 5$ using numbers, models, pictures and/or words.</p>
<p>Model $1/6 \div 3$ using numbers, models, pictures and/or words.</p>	<p>Create a model of another fraction divided by a whole number.</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 fraction by a whole number?</p>

Graphics and Fonts

