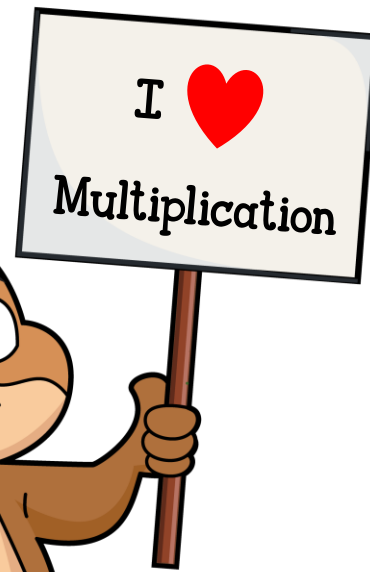


Modeling Multiplication with Fractions



I. Use fraction models to represent and solve the following:

$4 \times \frac{2}{5}$ $3 \times \frac{3}{4}$ $5 \times \frac{2}{3}$

Modeling Multiplication with Fractions

Materials:

- Fraction manipulatives
- Math journal or paper for recording thinking

Directions:

- 1) Use fraction manipulatives to model the multiplication sentences on the center task card.
- 2) Record your drawings and answers to the questions in your journal or on paper.

Modeling Multiplication with Fractions

1. Use fraction models to represent and solve the following:

$$4 \times \frac{2}{5}$$

$$3 \times \frac{3}{4}$$

$$5 \times \frac{2}{3}$$

When you multiply a number by a fraction less than one, is the product less than the number, greater than the number, or equal to the number? Explain your thinking using mathematical reasoning.

2. Use fraction models to represent and solve the following:

$$5 \times 1\frac{2}{4}$$

$$3 \times 2\frac{2}{3}$$

$$4 \times 1\frac{3}{8}$$

When you multiply a number by a fraction greater than one, is the product less than the number, greater than the number, or equal to the number? Explain your thinking using mathematical reasoning.

Graphics and Fonts

