

Dividing Fractions Handout

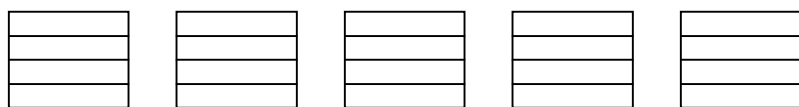
When using a model to represent a division problem, follow these steps.

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

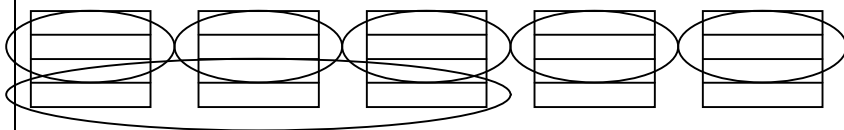
Make the number of rectangles given. In this problem we need to make 5.



Next break the rectangle into the amount of parts given for the second fraction. We need to break the rectangle into 4 parts each.



Then, count how many groups of 3 we have. We use the 3 in the numerator of the $\frac{3}{4}$.



We have 6 groups of 3 and 2 left over. We have 2 of a group of 3 left over.

SO...

$$5 \times \frac{3}{4} = 6 \frac{2}{3}$$

Use a model to represent each problem.

1. $6 \div \frac{1}{3} =$

2. $8 \div \frac{3}{4} =$

3. $4 \div \frac{2}{5} =$

4. $9 \div \frac{2}{3} =$