

## Division Problems Using Fraction Strips

Solve the following division problems by drawing a model.

When drawing your model:

- Draw the first number as a **fraction strip**.
- Draw the second number as a fraction strip **underneath** the first.
- Your fraction strips **must be the same length**.

Record your response in the space provided.

$$4 \div \frac{1}{3}$$

$$3 \div \frac{1}{7}$$

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$$\frac{1}{2} \div \frac{1}{4}$$

$$\frac{1}{3} \div \frac{1}{9}$$

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$$\frac{2}{5} \div \frac{1}{10}$$

$$\frac{5}{6} \div \frac{1}{12}$$

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What patterns do you notice from the problems you just solved?

Use the patterns you find to construct a general rule for dividing any fractions.  
Hint: Division is related to multiplication very closely. How is it related here?