

Name \_\_\_\_\_

Date \_\_\_\_\_

## Creating Division Stories

Write a story problem for the following measurement division:  $\frac{3}{4} \div \frac{1}{8} = 6$ .

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$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
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$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
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Please use each of the five steps of the process you learned. Label each step.

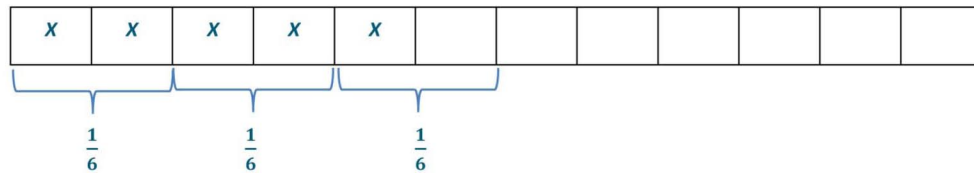
1. Write a measurement division story problem for  $6 \div \frac{3}{4}$ .

2. Write a measurement division story problem for  $\frac{5}{12} \div \frac{1}{6}$ .

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*Step 1: Measurement*

*Step 2: Model, shown below (Students may have used a different type of model.)*



*Step 3: How many  $\frac{1}{6}$  are there in  $\frac{5}{12}$ ?*

$$\frac{5}{12} \div \frac{1}{6} = \frac{5}{12} \div \frac{2}{12} = \frac{5}{2} = 2\frac{1}{2}$$

*Step 4: Feet (Answers may vary.)*

*Step 5: Answers may vary, but this is one possible answer.*

*There are 12 inches in a foot. A piece of wire is 5 inches ( $\frac{5}{12}$  foot) long. Hector needs to cut pieces of wire that are 2 inches ( $\frac{1}{6}$  foot) long. How many can he cut?  $2\frac{1}{2}$*