

# MY Homework

## Lesson 12

### Hands On: Use Models to Divide Decimals

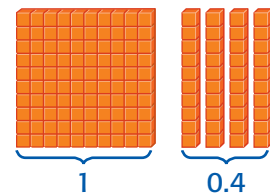
## Homework Helper



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How many groups of 7 tenths are in 1.4? Find  $1.4 \div 0.7$ .

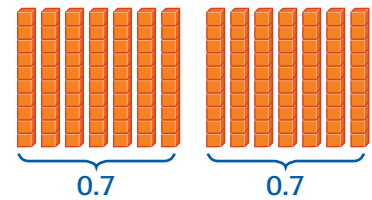
**1** The model shows 1.4 using one whole and four tenths.



**2** Since you are dividing by tenths, the whole block was replaced with tenths.

There are a total of 14 tenths altogether after replacing the one whole with ten tenths.

**3** The tenths are separated into groups of seven tenths to show dividing by 0.7.



There are 2 groups with none left over.

So,  $1.4 \div 0.7 = 2$ .

## Practice

Use models to find each quotient. Draw the equal groups.

1.  $0.4 \div 0.05 =$  \_\_\_\_\_

2.  $0.2 \div 0.02 =$  \_\_\_\_\_



## Problem Solving

- 3. PRACTICE 5 Use Math Tools** Adam used 1.8 pieces of paper to make his project. He decorated 0.2 of each piece of paper with a different color. How many sections does Adam's art project have? Draw models to help you divide.
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- 4.** Beverly used 2.4 yards of ribbon on the border of a quilt. If each side used 0.6 yard of ribbon, how many sides did she use the ribbon on? Draw models to help you divide.
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- 5.** Melanie purchased some packages of pencils for \$1.60. If each package costs \$0.80, how many packages did Melanie purchase? Draw models to help you divide.
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- 6.** Evan had 2.2 pounds of candy to give to his friends. If he gave 0.2 pound to each friend, how many friends did Evan give candy to? Draw models to help you divide.
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My Drawing!

