

**MY Homework****Lesson 1****Divide Multiples of 10, 100, and 1,000****Homework Helper**Need help? [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)**Find  $2,700 \div 9$ .**

The dividend, 2,700, is a multiple of 100. You can use a basic fact and place value to solve.

$$27 \div 9 = 3 \quad \leftarrow \text{This is the basic fact.}$$

$$270 \div 9 = 30 \quad \leftarrow \text{See the pattern: 270 is } 10 \times 27, \text{ and } 30 \text{ is } 10 \times 3.$$

$$2,700 \div 9 = 300 \quad \leftarrow \text{Continue the pattern: 2,700 is } 100 \times 27, \text{ and } 300 \text{ is } 100 \times 3.$$

So,  $2,700 \div 9 = 300$ .

**Practice****Complete each set of patterns.**

1.  $24 \div 3 = \underline{\hspace{2cm}}$

2.  $32 \div 8 = \underline{\hspace{2cm}}$

$240 \div 3 = \underline{\hspace{2cm}}$

$320 \div 8 = \underline{\hspace{2cm}}$

$2,400 \div 3 = \underline{\hspace{2cm}}$

$3,200 \div 8 = \underline{\hspace{2cm}}$

3.  $45 \div 5 = \underline{\hspace{2cm}}$

4.  $56 \div 8 = \underline{\hspace{2cm}}$

$450 \div 5 = \underline{\hspace{2cm}}$

$560 \div 8 = \underline{\hspace{2cm}}$

$4,500 \div 5 = \underline{\hspace{2cm}}$

$5,600 \div 8 = \underline{\hspace{2cm}}$

**Divide. Use patterns and place value.**

5.  $1,000 \div 2 = \underline{\hspace{2cm}}$

6.  $500 \div 10 = \underline{\hspace{2cm}}$

7.  $300 \div 5 = \underline{\hspace{2cm}}$

8.  $2,100 \div 3 = \underline{\hspace{2cm}}$

9.  $7,200 \div 9 = \underline{\hspace{2cm}}$

10.  $\$2,000 \div 4 = \underline{\hspace{2cm}}$

11.  $4,200 \div 7 = \underline{\hspace{2cm}}$

12.  $\$2,400 \div 6 = \underline{\hspace{2cm}}$



## Problem Solving

- 13. Mathematical PRACTICE 5 Use Math Tools** The electronics store sold 4 laptop computers in one day. The total cost of the laptops was \$3,600. If each laptop cost the same amount, how much did each laptop cost?
- \_\_\_\_\_

- 14.** The Thompson family is traveling 1,500 miles to visit relatives. They plan to drive the same distance each day. If the Thompsons make the trip in 3 days, how far will they drive each day?
- \_\_\_\_\_

If they make the trip in 5 days, how far will they drive each day?

\_\_\_\_\_

- 15.** Linus has 160 baseball cards he wants to give to his 4 cousins. If he divides the cards equally, how many cards will he give to each cousin?
- \_\_\_\_\_

- 16.** Last year, Carlotta earned \$1,200 babysitting. Carlotta charges \$6 per hour. What is the total number of hours Carlotta spent babysitting last year?
- \_\_\_\_\_

## Test Practice

- 17.** On a trip to New York City, 8 people spent a total of \$2,400 on hotel rooms. If they shared the cost equally, how much did each person spend?

- (A) \$400                      (C) \$40  
(B) \$300                      (D) \$30

