

**MY Homework****Lesson 5****Divide by 4****Homework Helper**Need help? [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)

The Dolan family bought a pack of 20 juice boxes. There are 4 people in the Dolan family. If they divide the juice boxes evenly, how many will each family member get?

Find the unknown in  $20 \div 4 = \square$ , or  $4 \overline{)20}$ .

Use multiplication to find the unknown.

Think:  $\square \times 4 = 20$

You know that  $5 \times 4 = 20$ .

So,  $20 \div 4 = 5$ , or  $4 \overline{)20}$ .

The unknown is 5. Each family member will get 5 juice boxes.

**Practice**

Use counters to find how many are in each group.

1. 8 counters  
4 equal groups

\_\_\_\_\_ in each group

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

2. 40 counters  
4 equal groups

\_\_\_\_\_ in each group

So,  $40 \div 4 = \underline{\hspace{2cm}}$ .

3. 28 counters  
4 equal groups

\_\_\_\_\_ in each group

So,  $28 \div 4 = \underline{\hspace{2cm}}$ .

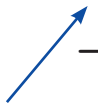
4. 12 counters  
4 equal groups

\_\_\_\_\_ in each group

So,  $12 \div 4 = \underline{\hspace{2cm}}$ .

Use repeated subtraction to divide.

5.  $24 \div 4 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 24 \\ - 4 \\ \hline 20 \end{array}$$


6.  $16 \div 4 = \underline{\hspace{2cm}}$

**Algebra** Use the inverse operation to find each unknown.

7.  $\underline{\hspace{2cm}} \times 2 = 8$

8.  $9 \times \underline{\hspace{2cm}} = 36$

$\underline{\hspace{2cm}} \div 4 = 2$

$36 \div 4 = \underline{\hspace{2cm}}$



## Problem Solving

Write a division sentence to solve.

9. A boat rental shop has enough boats for 28 people to ride. Each boat seats 4 people. How many boats does the shop have?

- 
10. **Mathematical PRACTICE**  **Explain to a Friend** Ollie shared 24 marbles evenly with 3 friends. Kaitlyn shared 18 marbles evenly with 2 friends. Did Ollie or Kaitlyn's friends get more marbles? Explain.
- 

## Test Practice

11. Each minute, 4 gallons of water flow into a bathtub. How many minutes does it take for the bathtub to have 32 gallons of water?
- (A) 6 minutes                      (C) 8 minutes  
(B) 7 minutes                      (D) 9 minutes