

**MY Homework****Lesson 3****Divide by a Two-Digit Divisor****Homework Helper**Need help? [connectED.mcgraw-hill.com](http://connectED.mcgraw-hill.com)Find  $204 \div 12$ .**Estimate**  $200 \div 10 = 20$ **1**

Divide the tens.

$$20 \div 12 \approx 1$$

Write 1 in the quotient over the tens place.

**2**Multiply.  $12 \times 1 = 12$ 

Subtract.  $20 - 12 = 8$

Compare.  $8 < 12$ 

$$\begin{array}{r}
 17 \\
 12 \overline{) 204} \\
 \underline{- 12} \phantom{0} \\
 84 \\
 \underline{- 84} \\
 0
 \end{array}$$

**3**

Bring down 4 ones.

There are 84 ones in all.

**4**

Divide the ones.

$$84 \div 12 = 7$$

Write 7 in the quotient over the ones place.

$$12 \times 7 = 84$$

$$84 - 84 = 0$$

So,  $204 \div 12$  is 17.**Check for Reasonableness**  $20 \approx 17$ **Practice****Divide. Check for reasonableness.**

1.  $874 \div 23 =$  \_\_\_\_\_

2.  $988 \div 96 =$  \_\_\_\_\_

3.  $58 \overline{) 940}$



## Problem Solving

4. **Algebra** Find the variable in the equation


$$803 \div 73 = m.$$

$$m = \underline{\hspace{2cm}}$$

5. **Algebra** Find the variable in the equation

$$988 \div 76 = d.$$

$$d = \underline{\hspace{2cm}}$$

6. **Mathematical PRACTICE**  **Stop and Reflect** Members of the Bladerunners skating club collected \$950 from fundraising activities. They want to buy Ultrablade skates, which are \$48 a pair. How many pairs of skates can they buy? What does the remainder represent?

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7. A theater has 990 total seats. There are a total of 22 rows in the theater. If each row has an equal amount of seats, how many seats are in each row? Find the unknown number in the equation  $990 \div 22 = s$ .

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8. A group of friends equally split the dinner bill shown. If each person paid \$16, how many friends paid?

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My Work!



## Test Practice

9. Emily loves to read. She read 527 hours in 31 weeks. If she read an equal number of hours each week, how many hours did she read each week?

- (A) 10 hours                      (C) 15 hours  
(B) 14 hours                      (D) 17 hours