

Name \_\_\_\_\_

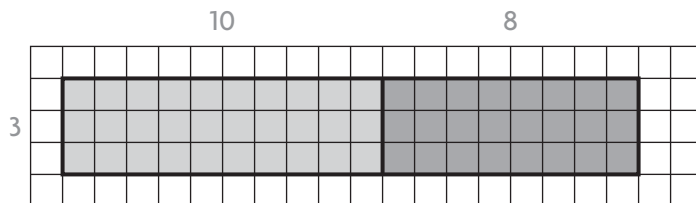
### Division and the Distributive Property



**COMMON CORE STANDARD—4.NBT.6**  
Use place value understanding and properties of operations to perform multi-digit arithmetic.

Find the quotient.

$$\begin{aligned}
 1. \quad 54 \div 3 &= (\underline{30} \div 3) + (\underline{24} \div 3) \\
 &= \underline{10} + \underline{8} \\
 &= \underline{18}
 \end{aligned}$$



2.  $81 \div 3 =$  \_\_\_\_\_

3.  $232 \div 4 =$  \_\_\_\_\_

4.  $305 \div 5 =$  \_\_\_\_\_

5.  $246 \div 6 =$  \_\_\_\_\_

6.  $69 \div 3 =$  \_\_\_\_\_

7.  $477 \div 9 =$  \_\_\_\_\_

8.  $224 \div 7 =$  \_\_\_\_\_

9.  $72 \div 4 =$  \_\_\_\_\_

10.  $315 \div 3 =$  \_\_\_\_\_

### Problem Solving



11. Cecily picked 219 apples. She divided the apples equally into 3 baskets. How many apples are in each basket?

\_\_\_\_\_

12. Jordan has 260 basketball cards. He divides them into 4 equal groups. How many cards are in each group?

\_\_\_\_\_

13. The Wilsons drove 324 miles in 6 hours. If they drove the same number of miles each hour, how many miles did they drive in 1 hour?

\_\_\_\_\_

14. Phil has 189 stamps to put into his stamp album. He puts the same number of stamps on each of 9 pages. How many stamps does Phil put on each page?

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**Divide Using Repeated Subtraction**

**COMMON CORE STANDARD—4.NBT.6**  
Use place value understanding and properties of operations to perform multi-digit arithmetic.

Use repeated subtraction to divide.

1.  $42 \div 3 = \underline{14}$

2.  $72 \div 4 = \underline{\hspace{2cm}}$

3.  $93 \div 3 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 3 \overline{)42} \\ \underline{-30} \leftarrow 10 \times 3 \quad 10 \\ 12 \\ \underline{-12} \leftarrow 4 \times 3 \quad +4 \\ 0 \qquad \qquad \qquad 14 \end{array}$$

4.  $35 \div 4 = \underline{\hspace{2cm}}$

5.  $93 \div 10 = \underline{\hspace{2cm}}$

6.  $86 \div 9 = \underline{\hspace{2cm}}$

Draw a number line to divide.

7.  $70 \div 5 = \underline{\hspace{2cm}}$

**Problem Solving**

8. Gretchen has 48 small shells. She uses 2 shells to make one pair of earrings. How many pairs of earrings can she make?

\_\_\_\_\_

9. James wants to purchase a telescope for \$54. If he saves \$3 per week, in how many weeks will he have saved enough to purchase the telescope?

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**Divide Using Partial Quotients****COMMON CORE STANDARD—4.NBT.6**  
*Use place value understanding and properties of operations to perform multi-digit arithmetic.***Divide. Use partial quotients.**

$$\begin{array}{r}
 1. \ 8 \overline{)184} \\
 \underline{-80} \quad 10 \times 8 \quad 10 \\
 104 \\
 \underline{-80} \quad 10 \times 8 \quad 10 \\
 24 \\
 \underline{-24} \quad 3 \times 8 \quad +3 \\
 0 \qquad \qquad \qquad 23
 \end{array}$$

2.  $6 \overline{)258}$

3.  $5 \overline{)630}$

**Divide. Use rectangular models to record the partial quotients.**

4.  $246 \div 3 = \underline{\hspace{2cm}}$

5.  $126 \div 2 = \underline{\hspace{2cm}}$

6.  $605 \div 5 = \underline{\hspace{2cm}}$

**Divide. Use either way to record the partial quotients.**

7.  $492 \div 3 = \underline{\hspace{2cm}}$

8.  $224 \div 7 = \underline{\hspace{2cm}}$

9.  $692 \div 4 = \underline{\hspace{2cm}}$

**Problem Solving**

10. Allison took 112 photos on vacation. She wants to put them in a photo album that holds 4 photos on each page. How many pages can she fill?
- \_\_\_\_\_

11. Hector saved \$726 in 6 months. He saved the same amount each month. How much did Hector save each month?
- \_\_\_\_\_