

**VOCABULARY**  
dividend  
divisor  
remainder  
quotient

**► Vocabulary**

Choose the best term from the box.

1. A \_\_\_\_\_ is an answer to a division problem.  
(Lesson 3-1)
2. The number 7 is the \_\_\_\_\_ in the division problem  $548 \div 7$ . (Lesson 3-1)
3. In the division problem  $548 \div 7$ , the number 548 is the \_\_\_\_\_.  
(Lesson 3-1)

**► Concepts and Skills**

4. List the three methods suggested in this Unit for solving division problems. Which division method would you use to solve  $728 \div 6$ ? Explain why you chose that method and how you would use it to solve the problem. (Lessons 3-2, 3-3, 3-4, 3-5)

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5. Explain why you need to write a zero in the tens place of the quotient when you divide 829 by 4. (Lesson 3-7)

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6. For what types of real world division problems might you use the quotient alone? When might you use only the remainder? (Lesson 3-9)

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Use rounding and estimation to decide whether each quotient makes sense. (Lesson 3-8)

7.  $6 \overline{)297}$

8.  $4 \overline{)3,256}$

9.  $8 \overline{)4,229}$



Use any method to solve. (Lessons 3-1, 3-2, 3-3, 3-4, 3-5, 3-6, 3-7)

10.  $4\overline{)716}$

11.  $9\overline{)959}$

12.  $3\overline{)6,243}$

13.  $7\overline{)940}$

14.  $4\overline{)2,203}$

15.  $7\overline{)8,659}$

16.  $5\overline{)7,534}$

17.  $6\overline{)9,915}$

### ► Problem Solving

Solve.

18. There are 185 students going to a museum. Each van can hold 9 students. How many vans of 9 students will there be? How many students will ride in a van that is not full? **Lesson 3-9**

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19. Joshua pulls 52 loads of sand on his wagon to make a play area. He pulls 21 pounds of sand on each load. How many pounds of sand does Joshua use to make a play area? **Lesson 3-10**

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20. **Extended Response** Kayla and her father baked 256 banana nut muffins and 298 chocolate chip muffins to sell at their family restaurant. They plan to place the muffins in boxes that hold 6 muffins each. What is the greatest number of boxes that can be filled with muffins? Explain how you found your answer. **Lessons 3-9, 3-10**

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