

# Cumulative Review

## for Chapters 1 and 2

### Concepts and Skills

**Write in word form.** (Lesson 1.1)

- 1. 9,999 \_\_\_\_\_
- 2. 1,047 \_\_\_\_\_
- 3. 6,005 \_\_\_\_\_

**Write in standard form.** (Lesson 1.1)

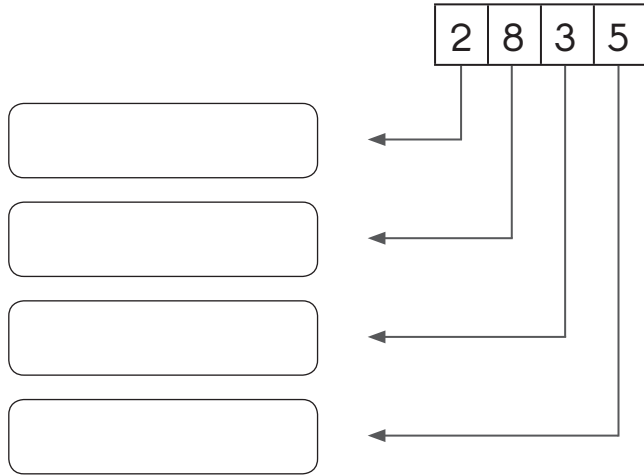
- 4. two thousand, twelve \_\_\_\_\_
- 5. nine thousand, one \_\_\_\_\_
- 6. six thousand, four hundred twenty-one \_\_\_\_\_

**Complete each number pattern.** (Lesson 1.1)

- 7. 5,216 6,216 7,216 \_\_\_\_\_
- 8. \_\_\_\_\_ 3,209 3,309 3,409
- 9. 6,029 6,019 6,009 \_\_\_\_\_
- 10. \_\_\_\_\_ 4,021 6,021 8,021

**Write the value of each digit.** (Lesson 1.2)

11.



**Fill in the missing numbers.** (Lesson 1.2)

12.  $4,532 = 4,000 + \underline{\hspace{2cm}} + 30 + 2$

13.  $1,000 + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 1,045$

**Circle the greatest number.**

**Underline the number that is least.** (Lesson 1.3)

14. 6,329    1,987    2,456    9,000

15. 7028    7,218    7,900    7,803

**Write the missing numbers.** (Lesson 1.3)

16. 5,000 less than 9,702 is \_\_\_\_\_.

17. 8 more than 6,580 is \_\_\_\_\_.

18. 300 more than 6,586 is \_\_\_\_\_.

**Order the answers in Exercise 16-18 from least to greatest.** (Lesson 1.3)

19. \_\_\_\_\_  
least

**Fill in the blanks. Use the digits below.** (Lesson 1.3)

**1****4****7****6**

20. Form the greatest four-digit number. \_\_\_\_\_

21. Form the least four-digit number. \_\_\_\_\_

22. Form a number greater than 3,984 but less than 4,170. \_\_\_\_\_

23. Form a number greater than 6,780 but less than 7,148. \_\_\_\_\_

**Find the sum or difference mentally.** (Lessons 2.1, 2.2 and 2.3)

24.  $37 + 52 =$  \_\_\_\_\_

25.  $25 + 49 =$  \_\_\_\_\_

26.  $35 + 47 =$  \_\_\_\_\_

27.  $62 - 21 =$  \_\_\_\_\_

28.  $52 - 46 =$  \_\_\_\_\_

29.  $65 - 48 =$  \_\_\_\_\_

30.  $33 + 98 =$  \_\_\_\_\_

31.  $95 + 97 =$  \_\_\_\_\_

**Round each number to the nearest hundred.** (Lesson 2.4)

32. 852 \_\_\_\_\_

33. 7,592 \_\_\_\_\_

34. 3,015 \_\_\_\_\_

35. 1,994 \_\_\_\_\_

**Find the sum or difference. Then use rounding to check that each answer is reasonable.** (Lesson 2.4)

**36.**  $452 + 198 = \underline{\hspace{2cm}}$

452 rounded to the nearest hundred is  $\underline{\hspace{2cm}}$ .

198 rounded to the nearest hundred is  $\underline{\hspace{2cm}}$ .

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

$\underline{\hspace{2cm}}$  is close to  $\underline{\hspace{2cm}}$  so the answer is reasonable.

**37.**  $909 - 493 = \underline{\hspace{2cm}}$

909 rounded to the nearest hundred is  $\underline{\hspace{2cm}}$ .

493 rounded to the nearest hundred is  $\underline{\hspace{2cm}}$ .

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

$\underline{\hspace{2cm}}$  is close to  $\underline{\hspace{2cm}}$  so the answer is reasonable.

**Find the greatest and least numbers when rounded to the nearest hundred.** (Lesson 2.4)

**38.** A lift carried about 900 kilograms. The greatest mass this can be is  $\underline{\hspace{2cm}}$  kilograms. The least mass this can be is  $\underline{\hspace{2cm}}$  kilograms.

**Write the leading digit.** (Lesson 2.5)

**39.** 2,561  $\underline{\hspace{2cm}}$

**40.** 897  $\underline{\hspace{2cm}}$

**41.** 5,286  $\underline{\hspace{2cm}}$

**42.** 9,643  $\underline{\hspace{2cm}}$

**Find the sum or difference. Then use front-end estimation to check that each answer is reasonable.** (Lesson 2.5)

**43.**  $273 + 508 =$  \_\_\_\_\_

The estimated sum is \_\_\_\_\_.

The answer \_\_\_\_\_ is reasonable.

**44.**  $792 - 582 =$  \_\_\_\_\_

The estimated difference is \_\_\_\_\_.

The answer \_\_\_\_\_ is reasonable.

**Decide whether to find an estimate or an exact answer. Solve.**

(Lessons 2.4, and 2.5)

- 45.** An empty float at a parade is 125 centimeters tall. It is fixed with 264-centimeter high decorations. About how tall is the decorated float?

**Write the missing number.** (Lesson 1.2)

- 46.**
- This number has four digits.
  - The value of the digit in the thousands place is 1,000.
  - The digit in the hundreds place is the greatest one digit number.
  - The value of the digit in the tens place is 20.
  - The digit in the ones place is 0.

The number is \_\_\_\_\_.

## Solve.

- 47.** A ship can carry 891 passengers.  
A boat can carry 278 passengers.  
Find how many more passengers the ship can carry than the boat.  
Then use front-end estimation to check that your answer is reasonable.

The ship can carry \_\_\_\_\_ more passengers than the boat.  
\_\_\_\_\_ is close to \_\_\_\_\_, so the answer is reasonable.

- 48.** A school has 293 girls. It has 108 more boys than girls.  
Find the total number of students in the school.  
Then use rounding to check that your answer is reasonable.  
Round each given number to the nearest 100.

The school has \_\_\_\_\_ students.  
\_\_\_\_\_ is close to \_\_\_\_\_ so the answer is reasonable.