Cumulative Review

for Chapters 1 and 2

Concepts and Skills

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

1.   forty-eight thousand, six   _____

2.   one hundred thousand   _____

3.   sixty-nine thousand, two hundred eleven   _____

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

4.   53,900   _____

5.   16,658   _____

6.   20,306   _____

Fill in the blank to write the number in expanded form. *(Lesson 1.1)*

7. $13,901 = 10,000 + $ _____ $ + 900 + 1$

Fill in the blanks. *(Lesson 1.2)*

8.   100 more than 26,542 is _____ .

9.   _____ is 100 less than 79,023.

Circle the number that is greater. *(Lesson 1.2)*

10.   12,630   or   6,238   **11.**   45,200   or   45,496

12.   62,529   or   69,522   **13.**   90,236   or   87,415

Circle the number that is less. *(Lesson 1.2)*

14.   6,563   or   48,200   **15.**   67,186   or   67,254

16.   74,258   or   71,852   **17.**   96,125   or   69,521

Write the set of numbers in order from least to greatest. *(Lesson 1.2)*

18.   8,654   56,207   68,543   56,719

      _____   _____   _____   _____

Continue or complete each number pattern. *(Lesson 1.2)*

19.   11,500   11,000   10,500   _____   _____

20.   63,800   64,100   64,400   _____   _____

21.   27,852   29,853   _____   33,855   35,856

Find each sum or difference. Then use rounding to check that your answers are reasonable. *(Lesson 1.3 and 2.1)*

22.   5 2 2
       − 3 8 9

23.   4 5 6
       + 7 9 0

24.   4, 5 6 2
       −   6 7 3

Find each sum or difference. Then use front-end estimation to check that your answers are reasonable. *(Lesson 1.3 and 2.1)*

25.
$$\begin{array}{r} 1,376 \\ +\ 3,428 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 7,496 \\ -\ \ \ 829 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 432 \\ +\ 759 \\ \hline \end{array}$$

Find each product. Then use rounding to check that your answers are reasonable. *(Lesson 2.1 and 2.4)*

28.
$$\begin{array}{r} 383 \\ \times\ \ \ \ \ 2 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 241 \\ \times\ \ \ \ \ 4 \\ \hline \end{array}$$

30.
$$\begin{array}{r} 752 \\ \times\ \ \ \ \ 5 \\ \hline \end{array}$$

Find each product. Then use front-end estimation to check that your answers are reasonable. *(Lesson 2.1 and 2.4)*

31.
$$\begin{array}{r} 308 \\ \times\ \ \ \ \ 3 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 126 \\ \times\ \ \ \ \ 5 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 415 \\ \times\ \ \ \ \ 4 \\ \hline \end{array}$$

Find each quotient. Then use related multiplication facts to check that your answers are reasonable. *(Lesson 2.1)*

34. $4\overline{)9\ 2}$

35. $3\overline{)7\ 8}$

36. $4\overline{)6\ 8}$

Find the factors of each number. *(Lesson 2.2)*

35. 36 _____

36. 40 _____

37. 96 _____

Find the common factors of each pair of numbers. *(Lesson 2.2)*

38. 36 and 40

_____

39. 40 and 96

_____

Find the greatest common factor of each pair of numbers. *(Lesson 2.2)*

40. 30 and 16

_____

41. 48 and 18

_____

Find the prime and composite numbers. *(Lesson 2.2)*

| 47 | 31 | 92 | 63 | 57 | 135 |

42. The prime numbers are _____ .

43. The composite numbers are _____ .

List the first eight multiples of each number. *(Lesson 2.3)*

44. 4 _____

45. 6 _____

46. 9 _____

Find the first two common multiples of each pair of numbers. *(Lesson 2.3)*

47. 4 and 6 _____

48. 6 and 9 _____

Find the least common multiple of each pair of numbers. *(Lesson 2.3)*

49. 8 and 12 _____
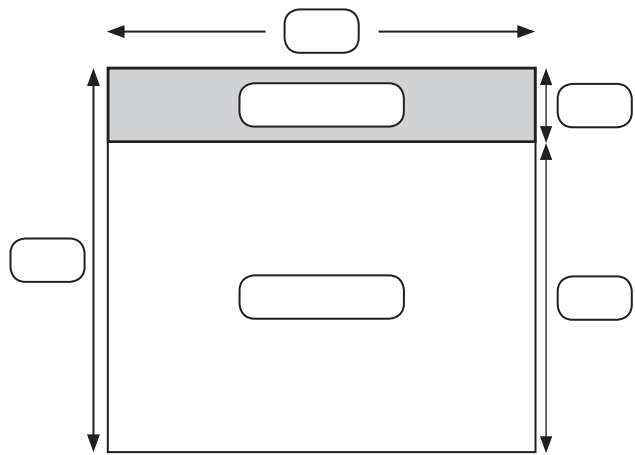
50. 27 and 36 _____

Solve using an array model. *(Lesson 2.4)*

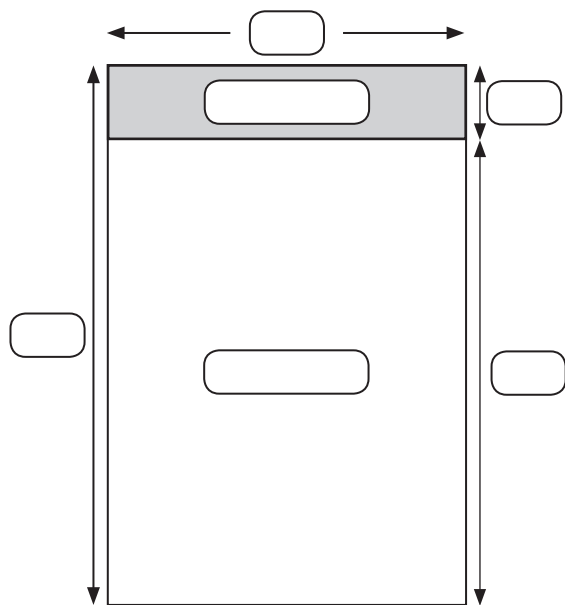**51.** $15 \times 7 =$ _____   **52.** $6 \times 14 =$ _____

Solve using an area model. *(Lesson 2.4)*

53. $39 \times 8 =$

$$\begin{array}{r} 3\,9 \\ \times \quad 8 \\ \hline \end{array}$$

54. $56 \times 7 =$

$$\begin{array}{r} 5\,6 \\ \times \quad 7 \\ \hline \end{array}$$

Problem Solving

Solve. Show your work.

55.   Make a 5-digit number using these clues.
The digit in the thousands place is 5.
The value of the digit in the ten thousands place is 20,000.
The digit in the tens place is 8.
One of the digits is a 0 and it is next to the digit 8.
The digit in the ones place is 2 less than the digit in the tens place.

The number is ☐☐,☐☐☐.

56.   3,219 milliliters of water and 185 milliliters of orange syrup are mixed to make orange juice. About how much orange juice will there be?

57. An empty parking lot has 300 spaces.
215 cars and 89 SUVs drive into the parking lot.
How many vehicles do not have parking spaces?

58. Find a 2-digit number less than 50 using these clues.
It can be divided by 4 exactly.
When 4 is added to it, it can be divided by 5 exactly.

The number is ——————— .

59. Finch divides 12 peaches and 18 nectarines into the same number of
equal groups. How many possible groups of each fruit can he make?
How many are in each group?