

## SECTION C

# Review and Practice

**Vocabulary** Match each with its meaning.

- |                     |  |
|---------------------|--|
| 1. factor           | a. whole number with exactly two different factors               |
| 2. prime number     | b. any number that divides another number with a remainder of 0. |
| 3. composite number | c. whole number greater than 1 that is not prime                 |

**(Lesson 10)** Copy and complete.

4.  $n \div 8 = 0$       5.  $83,105 \times n = 83,105$       6.  $65 \div n = 65$       7.  $285 \div n = 1$

**(Lesson 11)** Find each quotient.

8.  $4 \overline{)180.00}$       9.  $8 \overline{)24.08}$       10.  $6 \overline{)18.66}$       11.  $\$347.13 \div 7$       12.  $\$635.20 \div 5$

13. **Money** Rajiv earns \$31.50 for 6 hours of work. How much does he earn per hour?

**(Lesson 12)** Find each quotient.

14.  $2 \overline{)2.528}$       15.  $4 \overline{)10.452}$       16.  $6 \overline{)14.364}$       17.  $7 \overline{)25.123}$       18.  $3 \overline{)3.345}$

19. **Measurement** A square carpet has a perimeter of 38.248 ft. How long is each side?

**(Lesson 13)** Find all the factors for each number.

20. 35      21. 22      22. 11      23. 36      24. 88

25. Name six ways to get a product of 60 using two whole number factors.

**(Lesson 14)** Write whether each number is prime or composite.

26. 110      27. 11      28. 207      29. 93      30. 19

Use factor trees to find the prime factors of each number.

31. 16      32. 33      33. 125      34. 24      35. 38

**(Lesson 15)** Work backward to solve.

36. Amanda decided to spend some of the money she had earned from babysitting. She bought 2 used books for \$0.95 each and 2 for \$1.25 each. She spent \$5.31 on supplies for her science project and treated herself to a slice of pizza and a drink for \$2.50 total. She had \$2.84 left. How much did Amanda have when she began?

37. **Journal** Explain why 7 is prime and why 8 is composite.

### Skills Checklist

In this section, you have:

- Explored Products and Quotients
- Divided Money
- Divided Decimals
- Learned About Factors and Divisibility
- Explored Prime and Composite Numbers
- Solved Problems by Working Backward

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