

UNIT TEST    **Lessons 1-7**

Add, subtract, multiply, or divide.

1.  $(-8) + (-17) =$

2.  $(-9) \times (35) =$

3.  $(13) - (-21) =$

4.  $(-36) \div (-6) =$

5.  $(-10) \times (-10) =$

6.  $(5) + (-7) =$

7.  $(-72) \div (9) =$

8.  $(-2) - (14) =$

9.  $(50) \div (-5) =$

10.  $(-38) - (-12) =$

11.  $(-46) + (61) =$

12.  $(7) \times (-91) =$

Simplify.

13.  $-2^3 =$

14.  $-(4)^2 =$

15.  $(-10)^2 =$

16.  $\left(-\frac{5}{8}\right)^2 =$

Write in exponential notation.

17.  $165.9 =$

18.  $4.038 =$

Write in standard notation.

$$19. 7 \times 10^3 + 3 \times 10^2 + 9 \times \frac{1}{10^1} + 1 \times \frac{1}{10^2} + 4 \times \frac{1}{10^3} =$$

Add or subtract. Write your answers in lowest terms.

$$20. \frac{1}{7} + \frac{2}{5} =$$

$$21. \frac{3}{10} + \frac{1}{5} =$$

$$22. \frac{7}{8} - \frac{3}{4} =$$

Multiply and write your answers in lowest terms.

$$23. \frac{7}{8} \times \frac{1}{4} =$$

$$24. \frac{1}{2} \times \frac{5}{9} =$$

$$25. \frac{2}{3} \times \frac{11}{12} =$$

Find the fraction of the number.

$$26. \frac{1}{3} \text{ of } 36 =$$

$$27. \frac{2}{5} \text{ of } 40 =$$

$$28. \frac{3}{7} \text{ of } 21 =$$