

## 1-2

## Practice

## Numbers and Expressions

Find the value of each expression.

1.  $4 + 2 \cdot 8$
2.  $30 - 12 \cdot 2$
3.  $6(6 \div 2) \cdot 9$
4.  $6(6) \div 2 \cdot 9$
5.  $6(6) \div (2 \cdot 9)$
6.  $6(6 \div 2 \cdot 9)$
7.  $12 - 2 \cdot 5 + 3$
8.  $(4 + 5) \cdot (4 + 5)$
9.  $100 \div (16 + 9) \cdot 6$
10.  $25 + 30 \div 6 \cdot 5$
11.  $16 - 49 \div 7 \cdot 2$
12.  $(2 \cdot 11 + 1) - (3 \cdot 6 + 5)$
13.  $\frac{4(10 + 2)}{2(24 \div 3)}$
14.  $2 + 4 \cdot 6 - 3 \cdot 5 + 6 \cdot 2$
15.  $(8 + 4) \cdot (6 - 3)$
16.  $\frac{2(6 + 4)}{2(8 - 6)}$
17.  $4(8 + 2 \cdot 5 - 6)$
18.  $2(105 \div 15 - 6)$
19.  $14 \div 2 \cdot 5 + 3$
20.  $4(4 + 5) \div 3(10 - 7)$

Write a numerical expression for each verbal phrase.

21. thirty-one increased by fourteen
22. the difference of sixteen and nine
23. the sum of seven, four, and eighteen
24. three times forty
25. the quotient of eighty-one and three
26. four more than the product of seven and eight
27. the cost of three slices of pizza at \$2 each
28. the number of days in six weeks
29. **BOWLING** Alicia rented bowling shoes for \$3 and played 4 games at \$2 each. Write and evaluate an expression for the total cost of bowling.
30. **TICKETS** Adult tickets for a movie cost \$6 and children's tickets cost \$3. If two adults and three children go to the movies, how much will they pay?