Lesson 2 Homework Practice

Words and Expressions

Write a numerical expression for each verbal phrase.

1. thirty-one increased by fourteen
2. the difference of sixteen and nine
3. the sum of seven, four, and eighteen
4. three times forty
5. the quotient of eighty-one and three
6. four more than the product of seven and eight
7. the cost of three slices of pizza at $2 each
8. the number of days in six weeks

Evaluate each expression.

9. \(4 + 2 \cdot 8\)
10. \(30 - 12 \cdot 2\)
11. \(6(6 \div 2) \cdot 9\)
12. \(6(6) \div 2 \cdot 9\)
13. \(6(6) \div (2 \cdot 9)\)
14. \(6(6 \div 2 \cdot 9)\)
15. \(12 - 2 \cdot 5 + 3\)
16. \((4 + 5) \cdot (4 + 5)\)
17. \(100 \div (16 + 9) \cdot 6\)
18. \(25 + 30 \div 6 \cdot 5\)
19. \(16 - 49 \div 7 \cdot 2\)
20. \((2 \cdot 11 + 1) - (3 \cdot 6 + 5)\)
21. \(\frac{4(10 + 2)}{2(24 \div 3)}\)
22. \(2 + 4 \cdot 6 - 3 \cdot 5 + 6 \cdot 2\)
23. \((8 + 4) \cdot (6 - 3)\)
24. \(\frac{2(6 + 4)}{2(8 - 6)}\)
25. \(4(8 + 2 \cdot 5 - 6)\)
26. \(2(105 \div 15 - 6)\)
27. \(14 \div 2 \cdot 5 + 3\)
28. \(4(4 + 5) \div 3(10 - 7)\)

29. 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. 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?