

1-2 Skills Practice

Order of Operations

Evaluate each expression.

1. $(5 + 4) \cdot 7$

3. $4 + 6 \cdot 3$

5. $12 + 2 \cdot 2$

7. $9 + 4(3 + 1)$

9. $30 - 5 \cdot 4 + 2$

11. $14 \div 7 \cdot 5 - 3^2$

13. $4[30 - (10 - 2) \cdot 3]$

15. $2[12 + (5 - 2)^2]$

2. $(9 - 2) \cdot 3$

4. $28 - 5 \cdot 4$

6. $(3 + 5) \cdot 5 + 1$

8. $2 + 3 \cdot 5 + 4$

10. $10 + 2 \cdot 6 + 4$

12. $6 \div 3 \cdot 7 + 2^3$

14. $5 + [30 - (6 - 1)^2]$

16. $[8 \cdot 2 - (3 + 9)] + [8 - 2 \cdot 3]$

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Evaluate each expression if $x = 6$, $y = 8$, and $z = 3$.

17. $xy + z$

19. $2x + 3y - z$

21. $5z + (y - x)$

23. $x^2 + y^2 - 10z$

25. $\frac{y + xz}{2}$

18. $yz - x$

20. $2(x + z) - y$

22. $5x - (y + 2z)$

24. $z^3 + (y^2 - 4x)$

26. $\frac{3y + x^2}{z}$

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