Practice B

Order of Operations

Simplify each expression.

1. $15 \cdot 3 + 12 \cdot 2$

2. $212 + 21 \div 3$

3. $9 \cdot 3 - 18 \div 3$

4. $65 - 36 \div 3$

5. $100 - 9^2 + 2$

6. $3 \cdot 5 - 45 \div 3^2$

7. $54 \div 6 + 4 \cdot 6$

8. $(6 + 5) \cdot 16 \div 2$

9. $60 - 8 \cdot 12 \div 3$

10. $45 - 3^2 \cdot 5$

11. $52 - (8 \cdot 2 \div 4) + 3^2$

12. $(2^3 + 10 \div 2) \cdot 3$

13. $25 + 7(18 - 4^2)$

14. $(6 \cdot 3 - 12)^2 \div 9 + 7$

15. $4^3 - (3 + 12 \cdot 2 - 9)$

16. $2^4 \div 8 + 5$

17. $(1 + 2)^2 \cdot (3 - 1)^2 \div 2$

18. $(16 \div 4) + 4 \cdot (2^2 - 2)$

19. $2^5 - (3 \cdot 7 - 7)$

20. $75 + 5^2 - (8 - 3)$

21. $9 \cdot 6 - 5(10 - 3)$

22. $96 \div 4 + 5 \cdot 2^2$

23. $(15 - 6)^2 \div 3 - 3^3$

24. $19 - 8 \cdot 5 \div 10 + 6 \div 3$

25. Jared has $32. He buys 5 packs of trading cards that cost $3 each and a display book that costs $7. Simplify the expression $32 - (5 \cdot 3 + 7)$ to find out how much money Jared has left.

26. David buys 3 movie tickets for $6 each and 2 bags of popcorn for $2 each. Simplify the expression $3 \cdot 6 + 2 \cdot 2$ to find out how much money David spent in all.

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