# Grade 7 Order of Operations Worksheet

Name: _____ Date: _____ Score: _____

Follow the order of operations (PEMDAS). Write your answer on the line.

1. (2 + 2) × (2 - 2) = ?
2. 4 × (5 + 3) - 1 × 4 = ?
3. (10 + 4) × (10 - 4) = ?
4. 2 × (5 + 2) - 7 × 1 = ?
5. (7 + 5) × (7 - 5) = ?
6. $2^2$ + 1 × 3 - 1 = ?
7. $6^2$ + 2 × 4 - 1 = ?
8. 2 × (3 + 3) - 1 × 2 = ?
9. 4 × (3 + 2) - 1 × 1 = ?
10. $3^2$ + 2 × 4 - 6 = ?
11. (6 + 3) × (6 - 3) = ?
12. 2 × (3 + 3) - 7 × 2 = ?
13. 4 × (1 + 2) - 8 × 4 = ?
14. (9 + 2) × (9 - 2) = ?
15. 5 × (4 + 4) - 4 × 4 = ?
16. 3 × (1 + 4) - 1 × 3 = ?
17. $5^2$ + 3 × 2 - 2 = ?
18. (4 + 3) × (4 - 3) = ?
19. (10 + 5) × (10 - 5) = ?
20. $5^2$ + 1 × 4 - 1 = ?
21. (5 + 5) × (5 - 5) = ?
22. $5^2$ + 3 × 4 - 4 = ?
23. (6 + 2) × (6 - 2) = ?
24. (9 + 3) × (9 - 3) = ?
25. $6^2$ + 3 × 4 - 4 = ?
26. $3^2$ + 4 × 2 - 3 = ?
27. $5^2$ + 5 × 3 - 4 = ?
28. 3 × (3 + 3) - 7 × 3 = ?
29. (5 + 3) × (5 - 3) = ?
30. 6 × (4 + 4) - 1 × 4 = ?

ANSWER KEY

# Grade 7 Order of Operations Worksheet

1. (2 + 2) × (2 - 2) = ?
   **0**
2. 4 × (5 + 3) - 1 × 4 = ?
   **28**
3. (10 + 4) × (10 - 4) = ?
   **84**
4. 2 × (5 + 2) - 7 × 1 = ?
   **7**
5. (7 + 5) × (7 - 5) = ?
   **24**
6. $2^2$ + 1 × 3 - 1 = ?
   **6**
7. $6^2$ + 2 × 4 - 1 = ?
   **43**
8. 2 × (3 + 3) - 1 × 2 = ?
   **10**
9. 4 × (3 + 2) - 1 × 1 = ?
   **19**
10. $3^2$ + 2 × 4 - 6 = ?
    **11**
11. (6 + 3) × (6 - 3) = ?
    **27**
12. 2 × (3 + 3) - 7 × 2 = ?
    **-2**
13. 4 × (1 + 2) - 8 × 4 = ?
    **-20**
14. (9 + 2) × (9 - 2) = ?
    **77**
15. 5 × (4 + 4) - 4 × 4 = ?
    **24**
16. 3 × (1 + 4) - 1 × 3 = ?
    **12**
17. $5^2$ + 3 × 2 - 2 = ?
    **29**
18. (4 + 3) × (4 - 3) = ?
    **7**
19. (10 + 5) × (10 - 5) = ?
    **75**
20. $5^2$ + 1 × 4 - 1 = ?
    **28**
21. (5 + 5) × (5 - 5) = ?
    **0**
22. $5^2$ + 3 × 4 - 4 = ?
    **33**
23. (6 + 2) × (6 - 2) = ?
    **32**
24. (9 + 3) × (9 - 3) = ?
    **72**
25. $6^2$ + 3 × 4 - 4 = ?
    **44**
26. $3^2$ + 4 × 2 - 3 = ?
    **14**
27. $5^2$ + 5 × 3 - 4 = ?
    **36**
28. 3 × (3 + 3) - 7 × 3 = ?
    **-3**
29. (5 + 3) × (5 - 3) = ?
    **16**
30. 6 × (4 + 4) - 1 × 4 = ?
    **44**