

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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## Order of Operations (PEMDAS)

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Grades 6 – 8 • 50 questions • Show your work

1.  $12 \times (8 - 6) =$  \_\_\_\_\_

2.  $12 \times (3 - 5) =$  \_\_\_\_\_

3.  $(6 + 21) \div 9 =$  \_\_\_\_\_

4.  $(10 + 11) \times 9 =$  \_\_\_\_\_

5.  $3 \times (9 - 6) =$  \_\_\_\_\_

6.  $9 + 5 \times 9 =$  \_\_\_\_\_

7.  $(1 + 23) \div 4 =$  \_\_\_\_\_

8.  $24 \div 8 - 3 =$  \_\_\_\_\_

9.  $30 \div 6 - 5 =$  \_\_\_\_\_

10.  $5 \times (6 - 4) =$  \_\_\_\_\_

11.  $4 \times (11 - 6) =$  \_\_\_\_\_

12.  $6 + 5 \times 5 - 11 =$  \_\_\_\_\_

13.  $10 \div 5 - 2 =$  \_\_\_\_\_

14.  $11 + 12 \times 4 - 6 =$  \_\_\_\_\_

15.  $18 \div 6 - 2 =$  \_\_\_\_\_

16.  $11 \times 12 - 9 =$  \_\_\_\_\_

17.  $(4 + 32) \div 9 =$  \_\_\_\_\_

18.  $16 \div 8 - 2 =$  \_\_\_\_\_

19.  $(6 + 3) \times 5 =$  \_\_\_\_\_

20.  $32 \div 8 - 3 =$  \_\_\_\_\_

21.  $33 \div 11 + 9 =$  \_\_\_\_\_

22.  $5 \times (12 - 7) =$  \_\_\_\_\_

23.  $(3 + 25) \div 7 =$  \_\_\_\_\_

24.  $11 \times (11 - 4) =$  \_\_\_\_\_

25.  $18 \div 9 + 3 =$  \_\_\_\_\_

26.  $6 + 4 \times 7 =$  \_\_\_\_\_

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**27.**  $(24 + 11) \div 7 =$  \_\_\_\_\_

**28.**  $12 \times 3 - 3 =$  \_\_\_\_\_

**29.**  $(12 + 5) \times 4 =$  \_\_\_\_\_

**30.**  $10 \times (5 - 9) =$  \_\_\_\_\_

**31.**  $2 + 6 \times 3 =$  \_\_\_\_\_

**32.**  $7 \times (12 - 3) =$  \_\_\_\_\_

**33.**  $4 \times 9 - 5 =$  \_\_\_\_\_

**34.**  $11 \times 7 - 5 =$  \_\_\_\_\_

**35.**  $8 + 4 \times 9 =$  \_\_\_\_\_

**36.**  $5 + 11 \times 7 =$  \_\_\_\_\_

**37.**  $8 + 10 \times 6 =$  \_\_\_\_\_

**38.**  $33 \div 11 + 7 =$  \_\_\_\_\_

**39.**  $3 \times (7 - 6) =$  \_\_\_\_\_

**40.**  $30 \div 5 + 5 =$  \_\_\_\_\_

**41.**  $10 \times (7 - 2) =$  \_\_\_\_\_

**42.**  $27 \div 9 + 8 =$  \_\_\_\_\_

**43.**  $11 \times 9 - 6 =$  \_\_\_\_\_

**44.**  $(22 + 2) \div 4 =$  \_\_\_\_\_

**45.**  $35 \div 7 - 5 =$  \_\_\_\_\_

**46.**  $7 \times 8 - 5 =$  \_\_\_\_\_

**47.**  $9 + 6 \times 7 =$  \_\_\_\_\_

**48.**  $5 + 2 \times 4 =$  \_\_\_\_\_

**49.**  $8 + 10 \times 9 =$  \_\_\_\_\_

**50.**  $8 + 9 \times 4 =$  \_\_\_\_\_

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## Answer Key – Order of Operations (PEMDAS)

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|---------|--------|---------|
| 1. 24   | 2. -24 | 3. 3    |
| 4. 189  | 5. 9   | 6. 54   |
| 7. 6    | 8. 0   | 9. 0    |
| 10. 10  | 11. 20 | 12. 20  |
| 13. 0   | 14. 53 | 15. 1   |
| 16. 123 | 17. 4  | 18. 0   |
| 19. 45  | 20. 1  | 21. 12  |
| 22. 25  | 23. 4  | 24. 77  |
| 25. 5   | 26. 34 | 27. 5   |
| 28. 33  | 29. 68 | 30. -40 |
| 31. 20  | 32. 63 | 33. 31  |
| 34. 72  | 35. 44 | 36. 82  |
| 37. 68  | 38. 10 | 39. 3   |
| 40. 11  | 41. 50 | 42. 11  |
| 43. 93  | 44. 6  | 45. 0   |
| 46. 51  | 47. 51 | 48. 13  |
| 49. 98  | 50. 44 |         |
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