

Name: _____



Order of Operations with Exponents



Directions: Solve.

1. $(3^2 + 5) - 7 =$ _____

7. $(6^2 - 21 \div 7) + 8 =$ _____

2. $5 + (17 - 3^2) \times 2 =$ _____

8. $26 - (2 + 4^2) + 3 =$ _____

3. $24 \div (11 - 7) + 3^2 =$ _____

9. $3^2 \times (5^2 - 18) + 4 =$ _____

4. $4 + 8^2 - 10 =$ _____

10. $4^2 \times (11 - 9)^2 =$ _____

5. $2 \times (5^2 - 21) - 8 =$ _____

11. $(2 + 6)^2 - (27 \div 3^2) =$ _____

6. $4^2 - (8 \times 3 - 11) =$ _____

12. $(25 - 4^2)^2 - 43 =$ _____

ANSWER KEY

1. $(3^2 + 5) - 7 = 7$

7. $(6^2 - 21 \div 7) + 8 = 41$

2. $5 + (17 - 3^2) \times 2 = 21$

8. $26 - (2 + 4^2) + 3 = 11$

3. $24 \div (11 - 7) + 3^2 = 15$

9. $3^2 \times (5^2 - 18) + 4 = 67$

4. $4 + 8^2 - 10 = 58$

10. $4^2 \times (11 - 9)^2 = 64$

5. $2 \times (5^2 - 21) - 8 = 0$

11. $(2 + 6)^2 - (27 \div 3^2) = 61$

6. $4^2 - (8 \times 3 - 11) = 3$

12. $(25 - 4^2)^2 - 43 = 38$