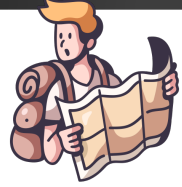


Name: _____



Order of Operations with Exponents



Directions: Solve.

1. $(2 + 4^2) - 5 =$ _____

7. $4 + (8^2 - 4 + 2^2) + 7 =$ _____

2. $31 - (4 + 2^2) \times 3 =$ _____

8. $6^2 - (3^2 + 11) - 9 =$ _____

3. $4 \times (5^2 - 21) + 2 =$ _____

9. $8^2 \div (4^2 - 12) + 10 =$ _____

4. $5 + 7^2 - 16 =$ _____

10. $7^2 + (12 - 8)^2 =$ _____

5. $3 + (14 - 9)^2 - 8 =$ _____

11. $2 \times 5^2 - (11 - 5)^2 \div 3 =$ _____

6. $8^2 - (15 \div 3 + 11) =$ _____

12. $56 - (4^2 + 18 \div 3^2) =$ _____

ANSWER KEY

1. $(2 + 4^2) - 5 = 13$

7. $4 + (8^2 - 4 + 2^2) + 7 = 75$

2. $31 - (4 + 2^2) \times 3 = 7$

8. $6^2 - (3^2 + 11) - 9 = 7$

3. $4 \times (5^2 - 21) + 2 = 18$

9. $8^2 \div (4^2 - 12) + 10 = 26$

4. $5 + 7^2 - 16 = 38$

10. $7^2 + (12 - 8)^2 = 65$

5. $3 + (14 - 9)^2 - 8 = 20$

11. $2 \times 5^2 - (11 - 5)^2 \div 3 = 38$

6. $8^2 - (15 \div 3 + 11) = 48$

12. $56 - (4^2 + 18 \div 3^2) = 38$