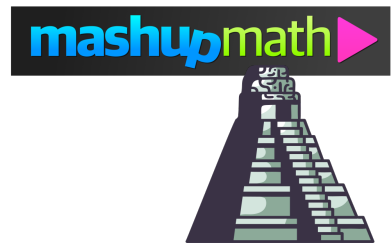


Name: \_\_\_\_\_



# Order of Operations with Exponents

Directions: Solve.

1.  $4 \times (2^2 + 3) =$  \_\_\_\_\_

7.  $5^2 + 15 \div 3 - 4 =$  \_\_\_\_\_

2.  $(2 + 4^2) \times 2 =$  \_\_\_\_\_

8.  $96 - (3 + 6^2) \times 2 =$  \_\_\_\_\_

3.  $4 \times (8 - 5) \div 2^2 =$  \_\_\_\_\_

9.  $2 \times 3^2 + (14 - 9) =$  \_\_\_\_\_

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

10.  $(7^2 - 6^2) \times (13 - 5) =$  \_\_\_\_\_

5.  $3 \times (6^2 - 25) + 4 =$  \_\_\_\_\_

11.  $32 \div 2^2 \times (10 - 3^2) =$  \_\_\_\_\_

6.  $3^2 + 4 \times 2 - 1 =$  \_\_\_\_\_

12.  $3 + 9^2 - (21 + 4^2) =$  \_\_\_\_\_

## ANSWER KEY

1.  $4 \times (2^2 + 3) = 28$

7.  $5^2 + 15 \div 3 - 4 = 26$

2.  $(2 + 4^2) \times 2 = 34$

8.  $96 - (3 + 6^2) \times 2 = 18$

3.  $4 \times (8 - 5) \div 2^2 = 3$

9.  $2 \times 3^2 + (14 - 9) = 23$

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

10.  $(7^2 - 6^2) \times (13 - 5) = 104$

5.  $3 \times (6^2 - 25) + 4 = 37$

11.  $32 \div 2^2 \times (10 - 3^2) = 8$

6.  $3^2 + 4 \times 2 - 1 = 16$

12.  $3 + 9^2 - (21 + 4^2) = 107$