

Week 4 - Order of Operations

Evaluate each expression.

1) $((9 - 5) \times 2) \div -4$

2) $(-6 + 2) \times -3 \div 3$

3) $(-10 - 3 \times 2) \div -4$

Evaluate each using the values given.

4) $q - \left(6 + \frac{p}{5}\right)$; use $p = -5$, and $q = 6$

5) $(p)(m + 5) + 3$; use $m = 2$, and $p = -4$

6) $(y)(x - y) + x$; use $x = 3$, and $y = -1$

Evaluate each expression.

7) $(-8) - \frac{15}{(-4) - 9 - (-10)}$

8) $((-4) - 9 - 5)(5 - 8)$

$$9) (4 - 3) \cdot (-2) - \frac{20}{2}$$

Evaluate each using the values given.

$$10) 2(((-7) - y) \div 2 + x); \text{ use } x = -9, \text{ and } y = -9$$

$$11) (-9) - 4pq + q; \text{ use } p = -2, \text{ and } q = 4$$

$$12) (-5)(xy - y + 5); \text{ use } x = 3, \text{ and } y = -3$$

Evaluate each expression.

$$13) \frac{(17)(3) + 9}{6 - 6 - 6}$$

$$14) 7 - 10 + \frac{(5)(2)}{5} - 2$$

Evaluate each using the values given.

$$15) j + h - (j^2)^2 - 2; \text{ use } h = -5, \text{ and } j = 3$$

$$16) m - (m - (p - (p + p)) + 6); \text{ use } m = -8, \text{ and } p = -3$$

Answers to Week 4 - Order of Operations

1) -2

5) -25

9) -12

13) -10

2) 4

6) -1

10) -16

14) -3

3) 4

7) -3

11) 27

15) -85

4) 1

8) 54

12) 5

16) -3