

Days 1 - 4 Review

Evaluate each expression.

1) $(2 + 8) \cdot 4 \cdot 2 + 10 + 8 + 5 \div 5$

2) $((16 - 10) \cdot 2 \cdot 2) \div 4$

3) $9 \cdot 4 + 10 \div ((3 - 2) \cdot 10) - 24 \div 8$

4) $9 + 5^2 + 6 - (11 - 5 + 1) \div 7$

Evaluate each using the values given.

5) $x^2 + z$; use $x = 2$, and $z = 6$

6) $(b - c)^3$; use $b = 6$, and $c = 4$

7) $k - (k - h)$; use $h = 1$, and $k = 2$

8) $z(z - y)$; use $y = 1$, and $z = 3$

Simplify each expression.

9) $4 + 7x + 8x + 7$

10) $10k - 10 - 3k - 6$

$$11) 3 - m + m - 1$$

$$12) -4x - 1 + x - 10$$

$$13) -4(1 - p) - 2p$$

$$14) 6n + 2(6n - 2)$$

$$15) 8 + 5(6k - 10)$$

$$16) -8(1 - 9x) + 8$$

$$17) -10(2n + 8) - 6(n - 8)$$

$$18) 10(5x + 4) - 9(-9x - 6)$$

$$19) -3(7n - 4) - 5(6 + 2n)$$

$$20) 8(10 - 3m) + 9(m - 2)$$

Days 1 - 4 Review

Evaluate each expression.

1) $(2 + 8) \cdot 4 \cdot 2 + 10 + 8 + 5 \div 5$

99

2) $((16 - 10) \cdot 2 \cdot 2) \div 4$

6

3) $9 \cdot 4 + 10 \div ((3 - 2) \cdot 10) - 24 \div 8$

34

4) $9 + 5^2 + 6 - (11 - 5 + 1) \div 7$

39

Evaluate each using the values given.

5) $x^2 + z$; use $x = 2$, and $z = 6$

10

6) $(b - c)^3$; use $b = 6$, and $c = 4$

8

7) $k - (k - h)$; use $h = 1$, and $k = 2$

1

8) $z(z - y)$; use $y = 1$, and $z = 3$

6

Simplify each expression.

9) $4 + 7x + 8x + 7$

11 + 15x

10) $10k - 10 - 3k - 6$

7k - 16

$$11) 3 - m + m - 1$$

$$2$$

$$12) -4x - 1 + x - 10$$

$$-3x - 11$$

$$13) -4(1 - p) - 2p$$

$$-4 + 2p$$

$$14) 6n + 2(6n - 2)$$

$$18n - 4$$

$$15) 8 + 5(6k - 10)$$

$$-42 + 30k$$

$$16) -8(1 - 9x) + 8$$

$$72x$$

$$17) -10(2n + 8) - 6(n - 8)$$

$$-26n - 32$$

$$18) 10(5x + 4) - 9(-9x - 6)$$

$$131x + 94$$

$$19) -3(7n - 4) - 5(6 + 2n)$$

$$-31n - 18$$

$$20) 8(10 - 3m) + 9(m - 2)$$

$$62 - 15m$$