Algebra 1 Midterm Review

Operations with Integers

Evaluate the expression, following the Order of Operations.

1.
$$1 + 5^2 \div 50$$

2.
$$24 + 4(3 + 1)$$

3.
$$12(6-3.5)^2-1.5$$

$$\int 4. \ 8(20 - (9 - 5)^2)$$

$$\int_{15\div 5}^{3(5-2)}$$

6. Use the distributive property to write an equivalent expression.

Adon't Salve

a.
$$8(y + 2)$$

b. $(m + 5)5$

$$\int c. -2(3-x)$$

Expressions and Equations

7. Evaluate each expression if a = 5, b = -2 and c = -4.

8. Evaluate each expression is $a = \frac{1}{2}$, b = -5 and c=-4

$$\sqrt{a}$$
. $3b - 4a$ $3(-5) - 4(1/2)$ $-15 - 2(-17)$

b.
$$2ab - 4ac - 2(1/2)(-5) - 4(1/2)(-4)$$

$$-(-5) - 4(1/2)(-4)$$

$$-(-5) - 4(1/2)(-4)$$

$$-(-6) - 4(1/2)(-4)$$

$$-(-6) - 4(1/2)(-4)$$

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