

R 1.2

Expressions

 $2x$ $x = 5$ $2(5)$

Evaluate

10

 $2x + 5$

Properties
Commutative Property Order
 $2(7) = 7(2)$

Associative Property
 $(4+3)+5 = 4+(3+5)$

$$(59+98)+2$$

$$59+(98+2)$$

Distributive Property
 $4(x+7)$

$$4x+28$$

Additive Identity

$$2+0=2 \quad x+0=x$$

Multiplicative Identity

$$4(1)=4 \quad x(1)=x$$

Additive Inverse Add

$$a+(-a)=0$$

$$2+(-2)=0$$

Multiplicative Inverse

Reciprocal

$$5 \cdot \frac{1}{5} = 1$$

