# **Commutative, Associative, and Zero Properties Review**

## **Commutative Property** "Commute"

## 7 + 8 = 8 + 7 (-3)4 = 4(-3) a + b = b + a 12 x a = a x 12

In your own words, describe what you think the commutative property is.

 The commutative property only works for addition and multiplication

## Associative Property "Associate"

## (7+8)+2 = 7+(8+2)(a+b)+c = a+(b+c) (3 x 4) x 2 = 3 x (4 x 2) (a x b) x c = a x (b x c)

In your own words, describe what you think the associative property is.

 The commutative property only works for addition and multiplication

1) 2 + (5 + y)

2) (c+1)+9

3) (2.3+n)+1.4

4) 7 + (d + 5)

#### 5) 10(7t)

# **Multiplication Property of Zero**

In your own words, describe what you  $5 \times 0 = 0$ think the multiplication property of zero.  $0 \cdot 4 = 0$ 

## Multiplication Property of One

In your own words, describe what you  $5 \times 1 = 5$ think the multiplication property of one.  $1 \cdot 4 = 4$ 

6)  $6 \bullet 0 \bullet q$ 

#### 7) $3.6 \bullet s \bullet 1$