

# The Distributive Property

Multiplying the sum of two or more addends by a number will give the same result as multiplying each addend individually and then adding each product.

$$6(a + 8)$$

 + 

$$4(1 + 9x)$$

 + 

$$6(-5n + 7)$$

 + 

$$2(9m + 10)$$

 + 

$$-8(3n + 4)$$

 + 

$$-8(-2n - 6)$$

 + 

$$\frac{1}{2}(4x + 6)$$

 + 

$$\frac{1}{3}(-9x + 3)$$

 + 

$$\frac{1}{5}(15x - 10)$$

 +