

Distributive Property

Arithmetic

$$9(4+5) = 9(4) + 9(5)$$

$$5(8-2) = 5(8) - 5(2)$$

Algebra

$$a(b+c) = ab+ac$$

$$a(b-c) = ab-ac$$

$$D + i(str + b ate)$$

=

$$D + istr + i b ate$$

Distributive Property is multiplying the number on the outside of a quantity by each term in the parenthesis.