

Distributive Property

$$a(b+c) = (a \times b) + (a \times c)$$

example:

$$4(3+9)$$

$$(4 \times 3) + (4 \times 9)$$

$$12 + 36$$

example:

$$3(2x+y)$$

$$(3 \times 2x) + (3 \times y)$$

$$6x + 3y$$