

# The Distributive (PRO+PER-TY)

$$a(b+c) \Rightarrow ab+ac$$

or

$$(b+c)a$$

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$$x(y-z) \Rightarrow xy-xz$$

or

$$(y-z)x$$

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## Examples

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$$5(2x-7)$$
$$5(2x)-5(7)$$
$$10x-35$$

$$(8x+2y-4)3$$
$$3(8x)+3(2y)-3(4)$$
$$24x+6y-12$$