

# DISTRIBUTIVE PROPERTY

To use the distributive property we distribute what is on the outside of the parentheses to the variables and constants on the inside of the parentheses using multiplication.

$$\begin{array}{l} 4(7s + 10) \\ 4 \cdot 7s \quad 4 \cdot 10 \\ 28s + 40 \\ \Rightarrow 28s + 40 \end{array}$$

$$9(x + 10)$$

$$9x + 90$$

$$8(5m + 8n)$$

$$40m + 64n$$

$$2(s - 6t + 8)$$

$$2s - 12t + 16$$

$$4(s - 10t + 8)$$

$$4s - 40t + 32$$

# Distributive Property Guided Notes

**Michael Rajnik**



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