

## Factor out the GCF

$$4x + 8$$

Opposite of  
distributive  
property

$$4: 1, 2, \textcircled{4}$$

$$8: 1, 2, \textcircled{4}, 8$$

$$\text{GCF} = 4$$

$$\begin{array}{cc} 4x + 8 \\ \div 4 & \div 4 \end{array}$$

$$4(x + 2)$$

~~$$6x - 15$$~~

$$\begin{array}{cc} 6x - 15 \\ \div 3 & \div 3 \end{array}$$

$$6: 1, 2, 3, 6$$

$$15: 1, 3, 5, 15$$

$$\text{GCF} = 3$$

$$3(2x - 5)$$

Check

$$3(2x - 5)$$

$\swarrow \quad \searrow$   
 $6x - 15 \checkmark$

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