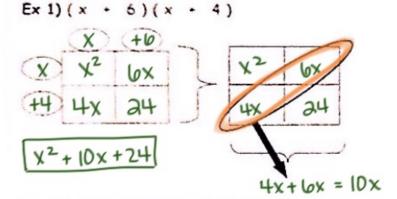
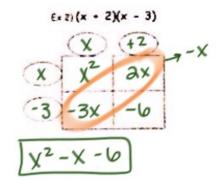
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## Multiplying Binomials: Box Method - Fill in the bubbles by whiting one of the binomials along the top of the box and the other down the side of the box. - Multiply rows times columns - After multiplying, collect like terms (They should be in the diagonal).

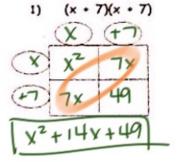


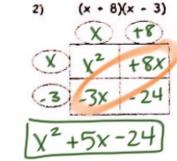
Try using the Box Method for the problems below.

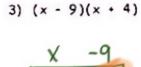


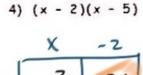
$$\begin{array}{c|c} (2x \cdot 4)(x \cdot 5) \\ \hline (3x) & (14) \\ \hline ($$

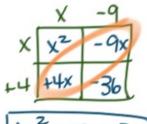
HW: Multiplying binomials For # 1 and 2 use the BOX Method

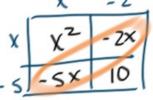








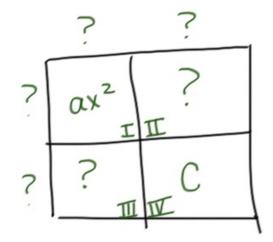








## Factoring Review



$$A = ax^2 + bx + c$$

$$II + III = b$$

$$I + III = 0$$

$$I + III = 0$$

\* Work from inside out \*

Hints

$$ax^2 + bx + c \rightarrow both (+)$$
  
 $ax^2 + bx - c \rightarrow one + \rightarrow larger$   
 $one - \rightarrow smaller$   
 $ax^2 - bx + c \rightarrow both (-)$ 

$$ax^2 - bx - C \longrightarrow one(-) \rightarrow larger$$
  
 $ax^2 - bx - C \longrightarrow one(+) \rightarrow smaller.$ 

A Always look for GCF first \* 4 take it out

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1. 
$$\frac{2n^2 - 12n}{2} + \frac{160}{2}$$
 GCF: a Standard Standa