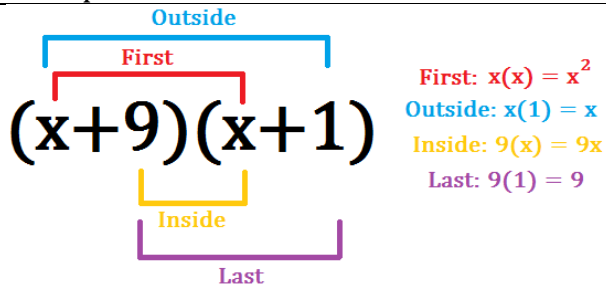
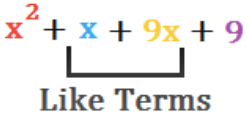
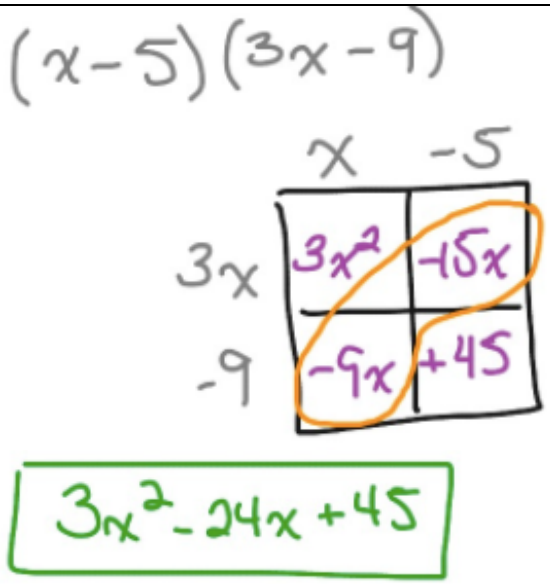
Name_____ Pd_____ Date_____ **Section 2P4**

Multiplying Binomials - Distributive Property

Strategy	Example	How You Would Explain
FOIL	  $x^2 + 10x + 9$	What steps would you tell someone to take? Apply those steps to this example. $(4x - 1)(x + 5)$
Box Method	 $3x^2 - 24x + 45$	What steps would you tell someone to take? Apply those steps to this example. $(4x - 1)(x + 5)$
"Rockets"	$(2x - 3)(x + 4)$ $2x^2 + 8x - 3x - 12$ $2x^2 + 5x - 12$	What steps would you tell someone to take? Apply those steps to this example. $(4x - 1)(x + 5)$

Multiplying Binomials by Trinomials and More!

- Box Method & "Rockets" work best when one of your factors has more than two terms.

Ex. $(3x-1)(2x^2+5x-4)$

You Try $(2x+4)(3x^2-x+6)$

Good Luck! $(3x^2+2x-1)(5x^2-4x+2)$