

The following are examples of BINOMIALS:

$x + 2$

$7 - 5x$

$2x - 7$

$3x^2 - 17$

A BINOMIAL is

	"Generic Rectangle" Method	F.O.I.L. Method
$(x + 5)(x + 4)$		
$(x + 2)(x + 8)$		
$(2x - 3)(3x - 4)$		
$(x + 3)^2$		

Use the *Generic Rectangle method* to find the following products:

1.  $(x + 6)(x - 8)$

2.  $(x - 2)(x + 6)$

3.  $(2x + 3)^2$

Use the *F.O.I.L method* to find the following products:

4.  $(x - 6)(x - 8)$

5.  $(x - 5)^2$

6.  $(4x - 10)(2x + 3)$

Use the *method of your choice* to find the following products:

7.  $(x - 12)(x - 1)$

8.  $(11x - 13)(7x - 9)$

9.  $(1.5x - 2)(2x + .5)$

\*\*10.  $(x + 9)(x^2 - 3x + 5)$