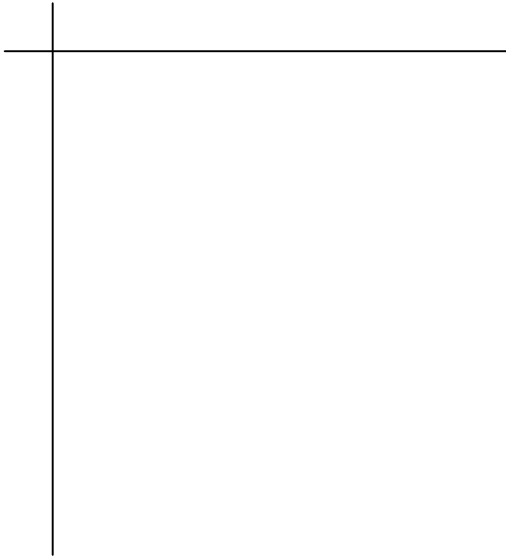


## Cluster 6 Lesson 5 Binomial by Binomial

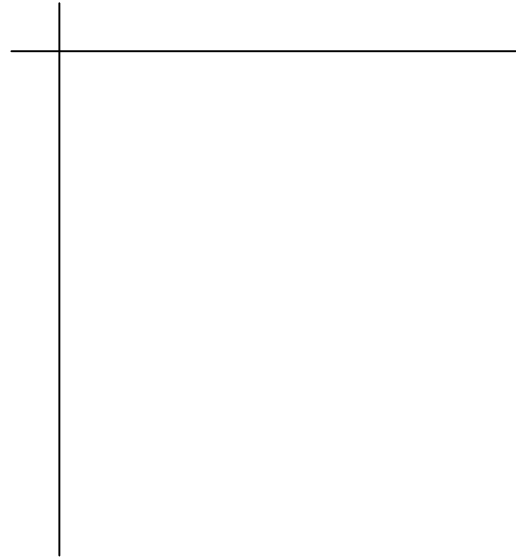
Show the multiplication by drawing algebra tiles for each product.

1.  $2x(x - 3)$



Result: \_\_\_\_\_

2.  $(x + 2)(x - 4)$



Result: \_\_\_\_\_

Use the Box Method to find the product of the binomials.

3.  $(x + 5)(x + 7)$


Result: \_\_\_\_\_

4.  $(x - 4)(x + 9)$


Result: \_\_\_\_\_

Continue using the Box Method to find the product of binomials.

5.  $(2x - 5)(3x + 4)$

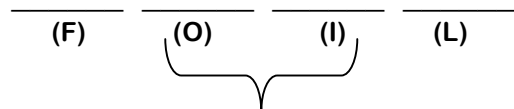

Result: \_\_\_\_\_

6.  $(x - 7)(8x - 9)$


Result: \_\_\_\_\_

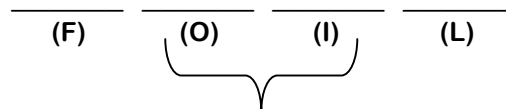
Use the FOIL Method to multiply these binomials.

7.  $(x + 1)(x - 4)$



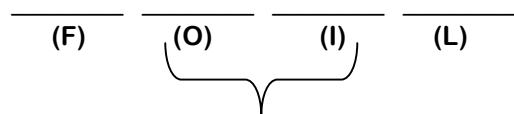
Result: \_\_\_\_\_

8.  $(3x + 5)(2x - 1)$



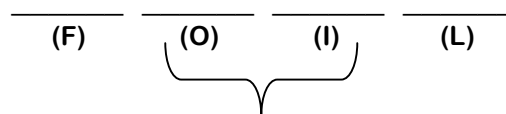
Result: \_\_\_\_\_

9.  $(4x - 1)(x - 7)$



Result: \_\_\_\_\_

10.  $(2x + 5)(3x + 2)$



Result: \_\_\_\_\_