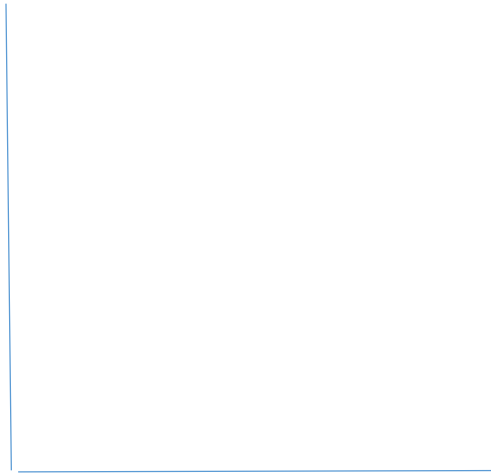


Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

### Multiplying Polynomials Using Algebra Tiles

Use algebra tiles to model each multiplication problem and find the product. Draw your model in the frame. Write your simplified answer in the space provided.

1.  $x(x+1)$



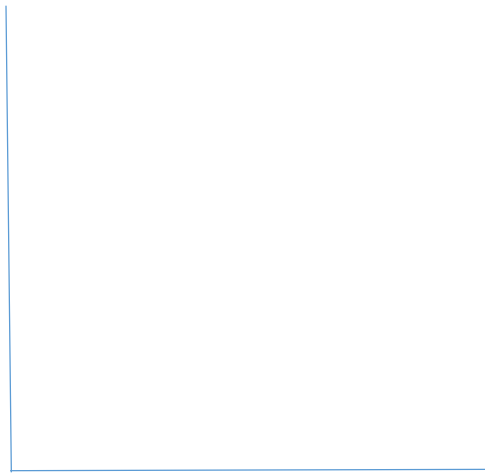
Answer: \_\_\_\_\_

2.  $2x(x-2)$



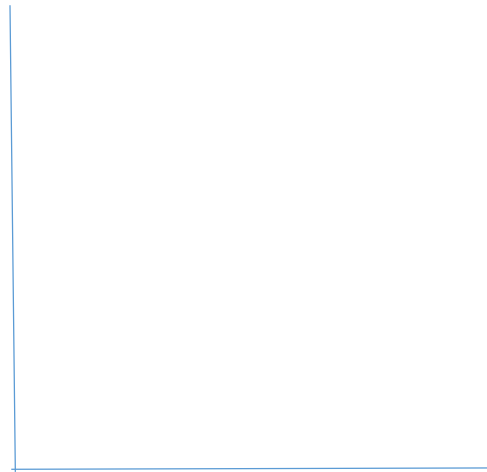
Answer: \_\_\_\_\_

3.  $x(2x+2)$



Answer: \_\_\_\_\_

4.  $-x(x-3)$



Answer: \_\_\_\_\_

5.  $(2x+1)(x+1)$

Answer: \_\_\_\_\_

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

Answer: \_\_\_\_\_

7.  $(2x+1)(x-4)$

Answer: \_\_\_\_\_

8.  $(-2x-2)(2x-1)$

Answer: \_\_\_\_\_