

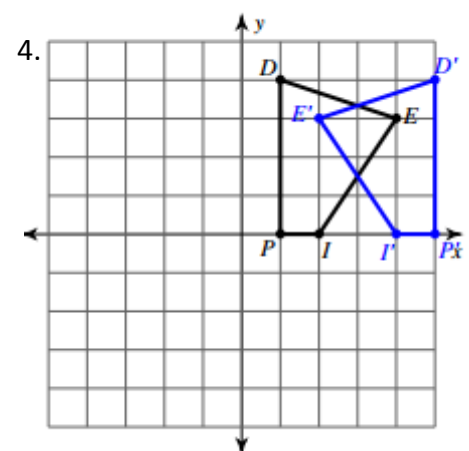
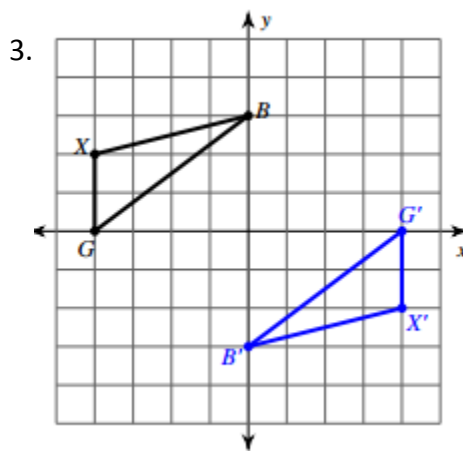
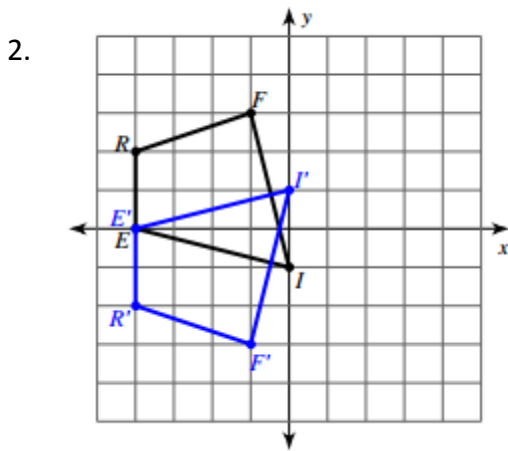
# ASSIGNMENT 10

Answer all of the following questions on graph paper!!!!!!!

1. Evaluate for  $m = 10, n = -6$

$$3m - 2(m-n) + \left[\frac{3}{4}(m+n)\right]^2$$

Describe the following types of transformations.



5. On graph paper, draw and label a set of axes.

a) Draw and Label the following points. Then connect the points to make a triangle.

A: (-1, 4)

B: (0, 1)

C: (-5, 5)

b) Now graph the line  $x = 2$ . You can fill in the table below, then graph the points on your set of axes.

x	2	2			
y	-1	0	1	2	3

c) Now reflect the figure ABC over the line  $x = 2$ . Label your new image  $A'B'C'$ .