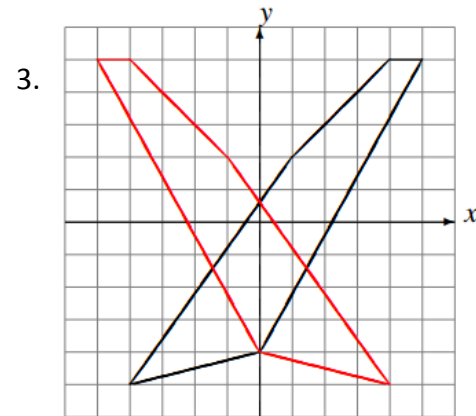
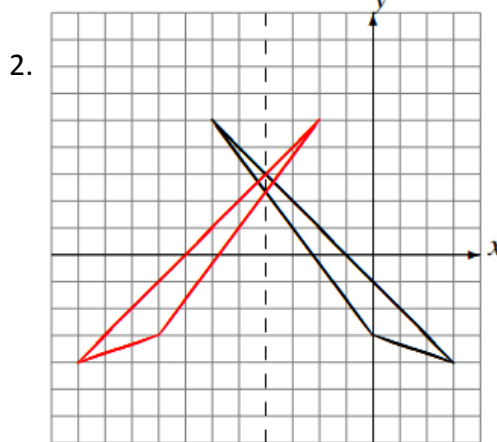
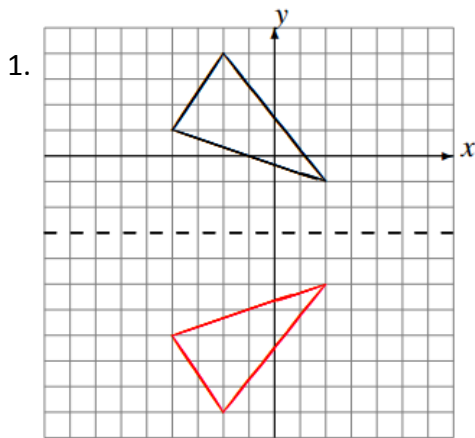


ASSIGNMENT 11

Describe the following types of transformations AS SPECIFICALLY AS POSSIBLE.



4. On graph paper, draw and label a set of axes. Then draw and label the following points to form figure GKL.

G: (1,5)

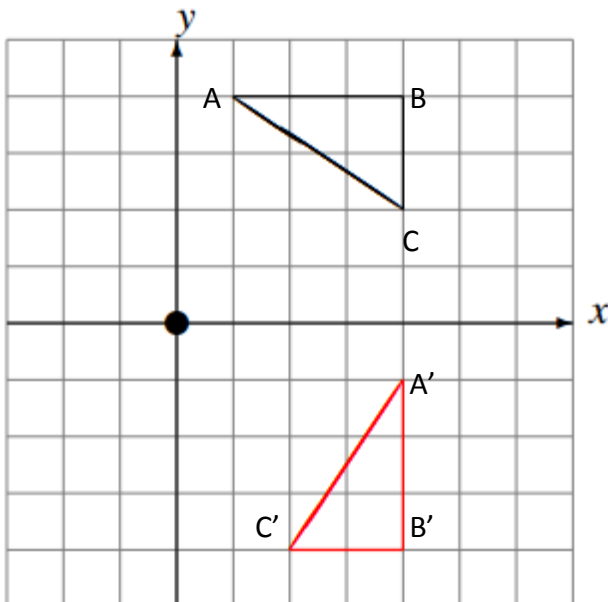
K: (-2, 3)

L: (4, 1)

- Reflect figure GKL over the line $y = 5$. Label your new figure $G'K'L'$. List the coordinates of each point.
- Now rotate the reflected image $G'K'L'$ 180 degrees about the origin. Label the figure $G''K''L''$. List the coordinates of each point.

5. The following question was on a homework assignment:

Q: "What is the type of transformation shown in the picture below?"



Miguel wrote that it was a 90 degree rotation clockwise. HuiCui said that it was a 270 degree rotation counterclockwise. Finally, Jackie said that it was a reflection over the x axis. Which student is correct? Explain.