Name_____ ID: 1

Graphing the Transformation

Date_____ Period_____

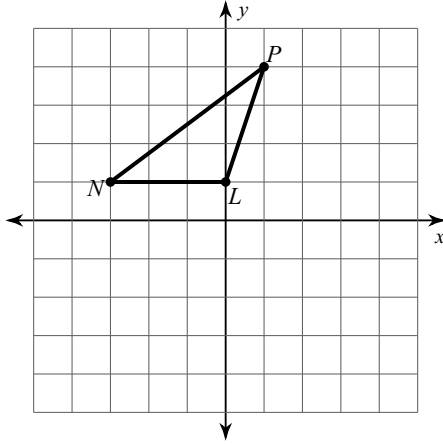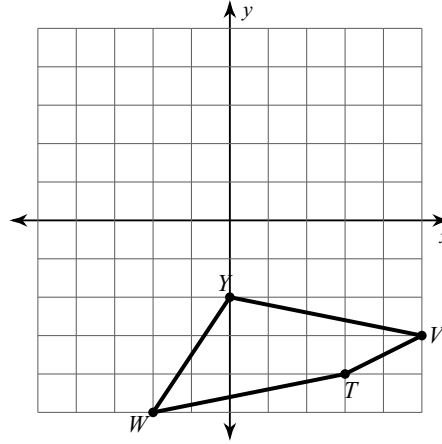**Graph the image of the figure using the transformation given. Write the rule used to perform transformation. List the coordinates of the pre-image and the new image.**
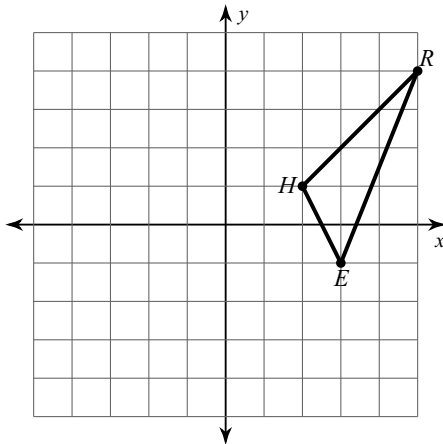
1) translation: 1 unit left and 5 units down
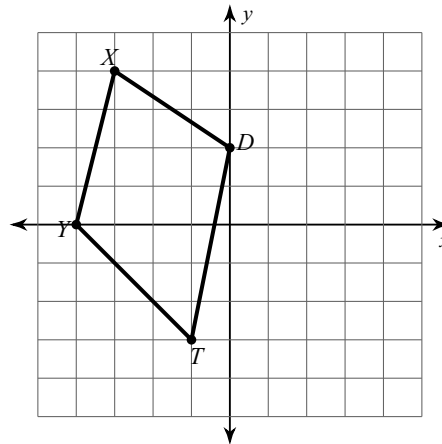

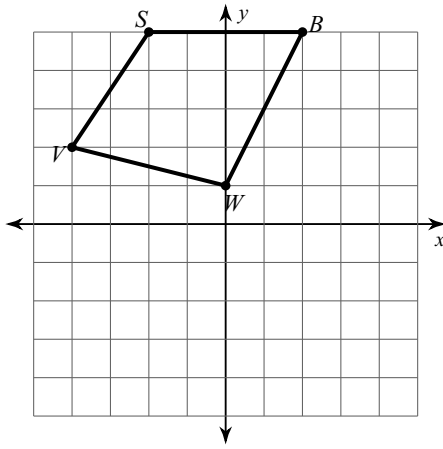2) rotation 90° clockwise about the origin

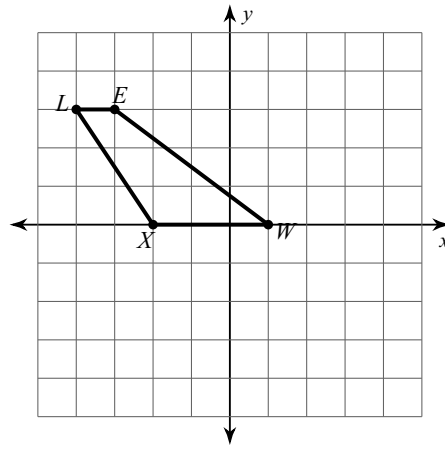3) reflection across the y-axis

4) rotation 180° about the origin

5) reflection across the y-axis
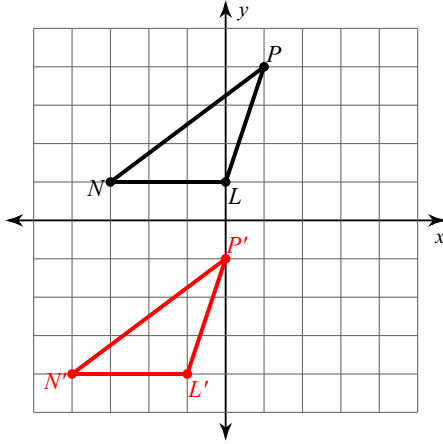

6) rotation 90° counterclockwise about the origin

-2-

Name_____

Graphing the Transformation

Date_____ Period_____

Graph the image of the figure using the transformation given. Write the rule used to perform transformation. List the coordinates of the pre-image and the new image.

1) translation: 1 unit left and 5 units down

2) rotation 90° clockwise about the origin

3) reflection across the y-axis

4) rotation 180° about the origin

5) reflection across the y-axis

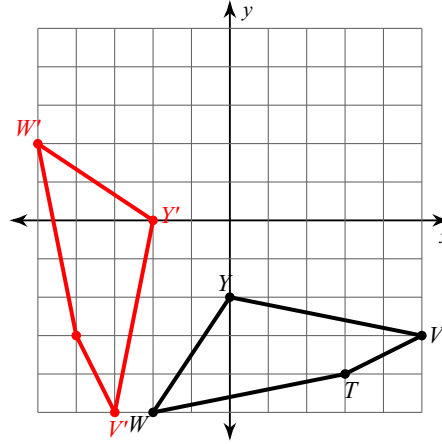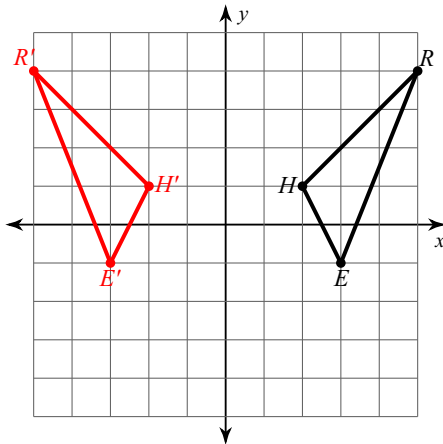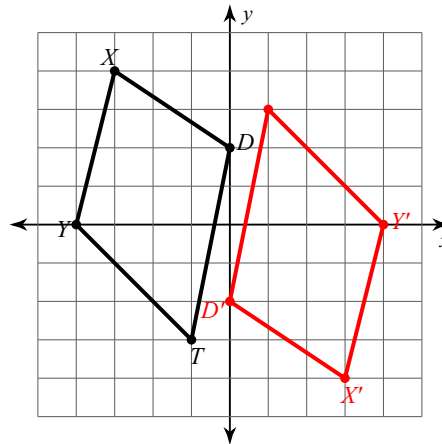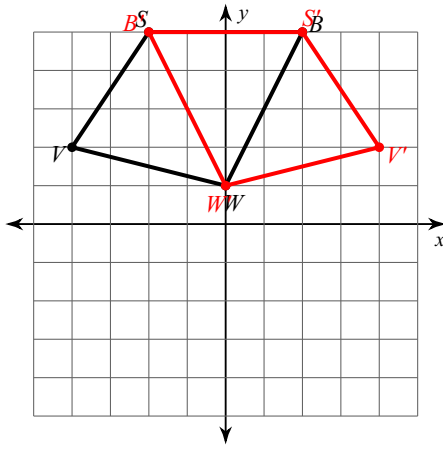6) rotation 90° counterclockwise about the origin