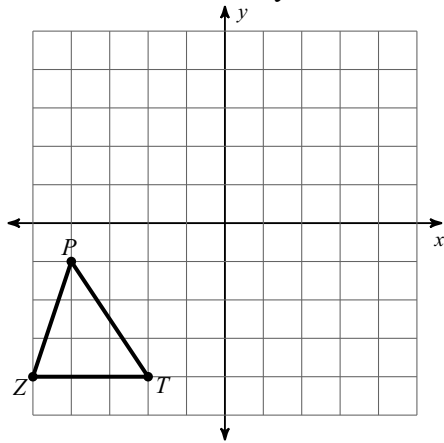


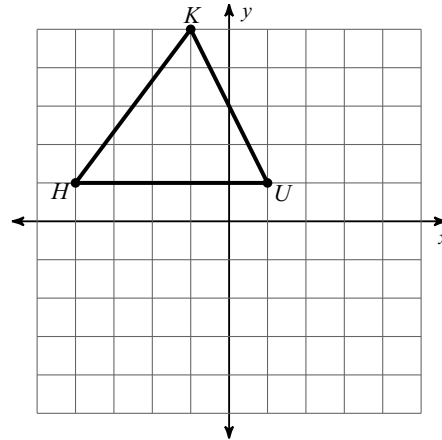
Assignment

Find the coordinates of the vertices of each figure after the given transformation.

1) reflection across the y-axis

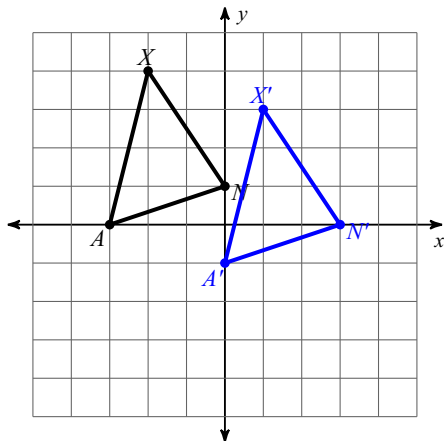


2) reflection across $y = 1$



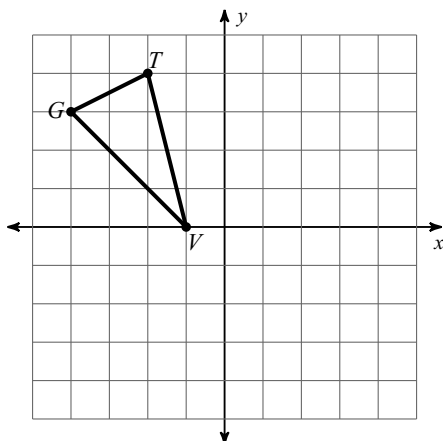
Write a rule to describe each transformation.

3)



Graph the image of the figure using the transformation given.

4) rotation 90° counterclockwise about the origin



Answers to Assignment (ID: 1)

- 1) $P(4, -1)$, $T(2, -4)$, $Z(5, -4)$ 2) $K(-1, -3)$, $U(1, 1)$, $H(-4, 1)$
3) translation: 3 units right and 1 unit down 4)

