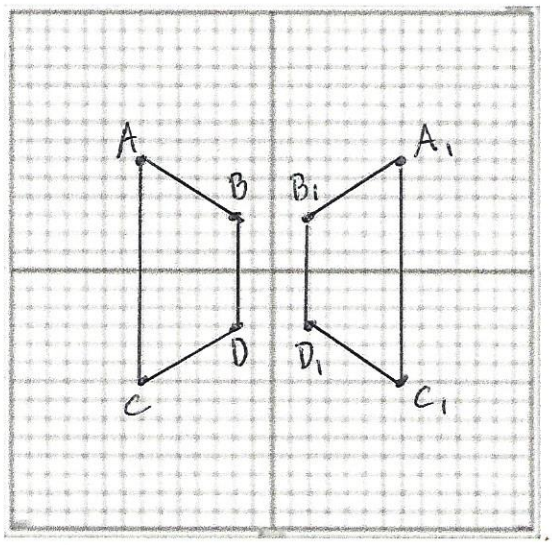
Name _____ Sect _____

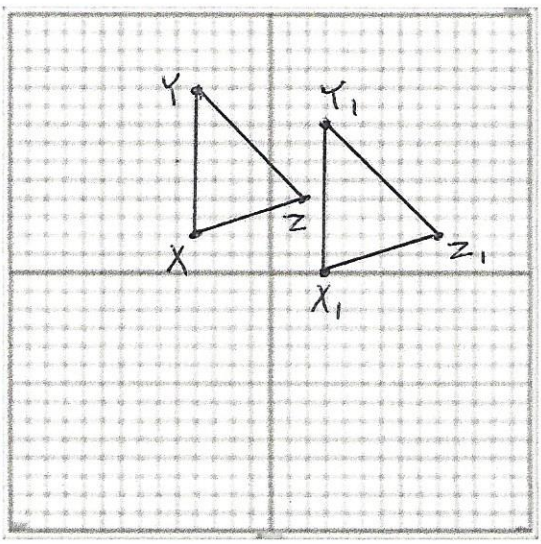
Transformation Review:

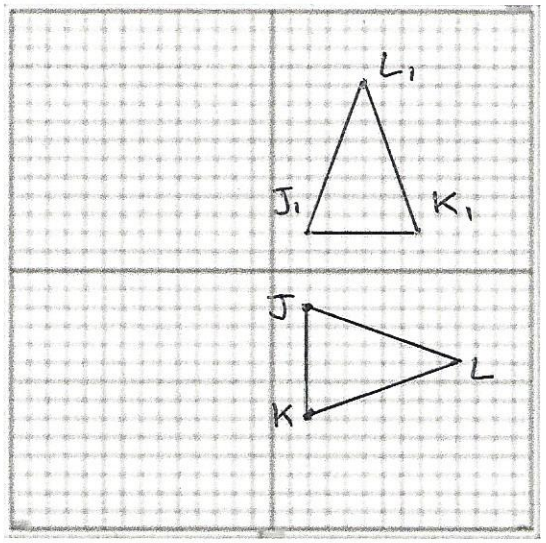
The figure ΔDEF is transformed to create a new image. Identify the proper notation for the new image.

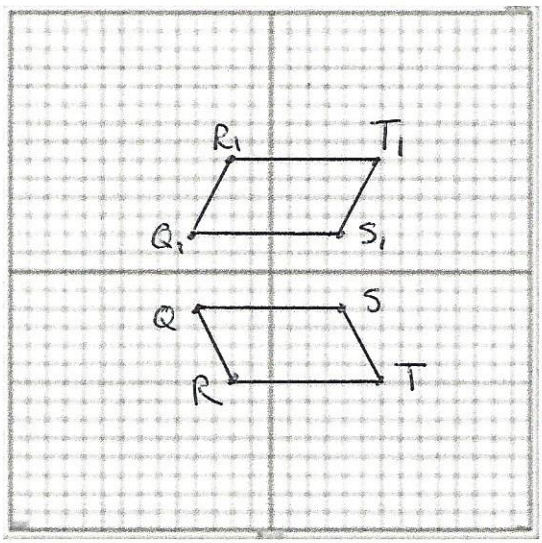
_____

The following four figures have all been transformed to create new images. Identify whether the transformation is a translation, a reflection, or rotation based on the graphed figures.



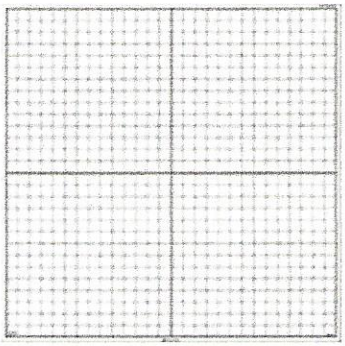




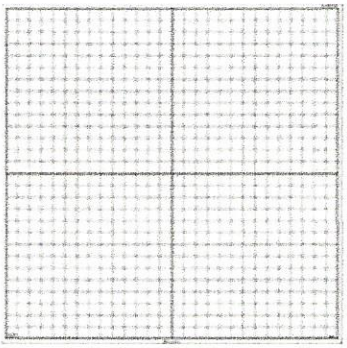


Transform the following figures as indicated. Draw the original figure, Show the rule you use to identify the new coordinates, clearly list the new points, and graph the new image.

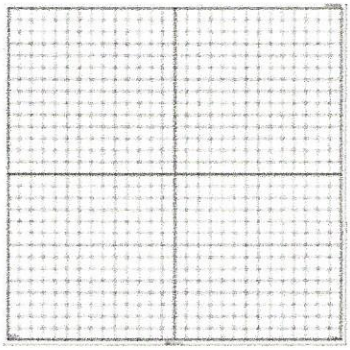
A triangle with the points (8, 0), (2, 4) and (1, 0)
Translate 5 units to the left, and 3 units down.



A quadrilateral with points (-5, -3),(-4, -1), (-2, -5), and (0, -2)
Reflect across the x axis.



A triangle with points (-8, -6), (-8, -2) and (-2, -4)
Rotate 90° about the origin.



A quadrilateral with the points (7, -5), (5, 1), (3, 0) and (2, -8)
Reflect across the y axis.