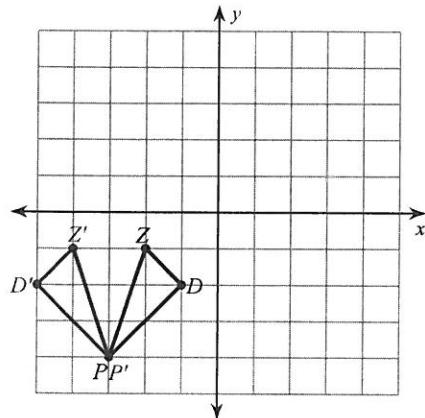


Reflections

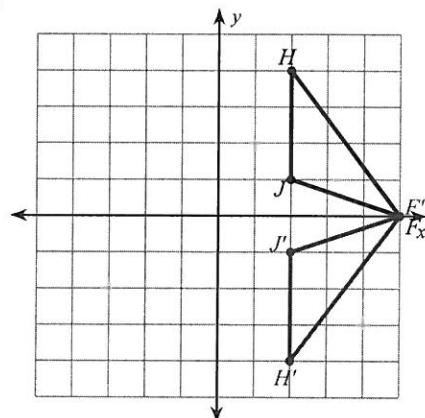
Date _____ Period _____

Write a rule to describe each transformation.

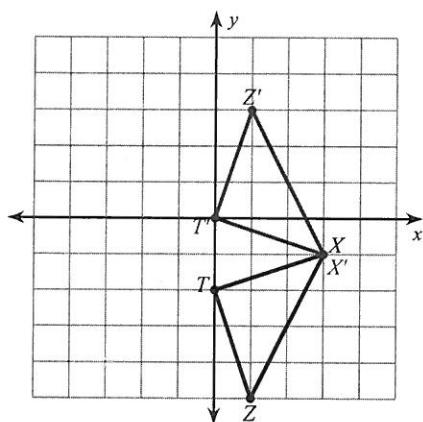
1)



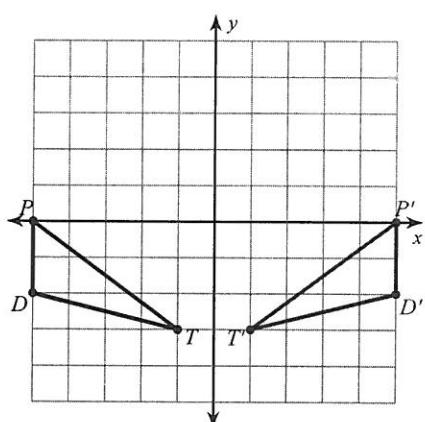
2)



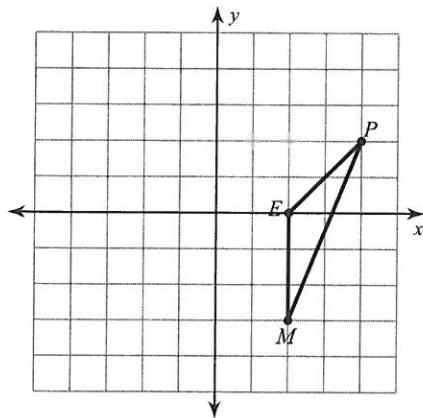
3)



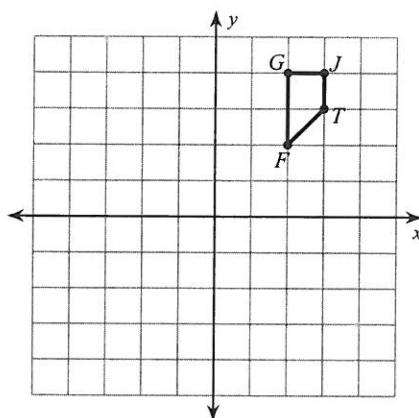
4)

**Graph the image of the figure using the transformation given.**

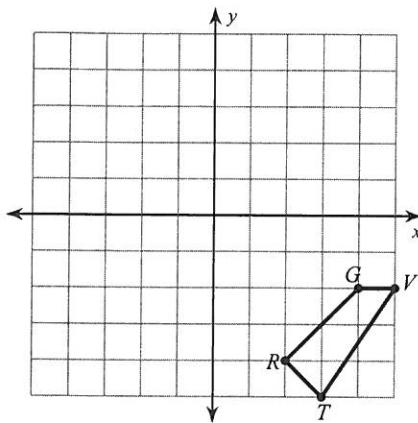
5) reflection across the y-axis



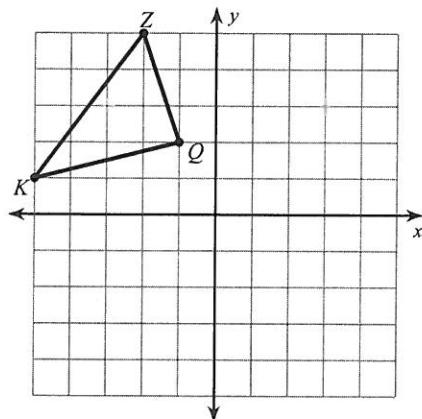
6) reflection across the x-axis



7) reflection across $x = 2$

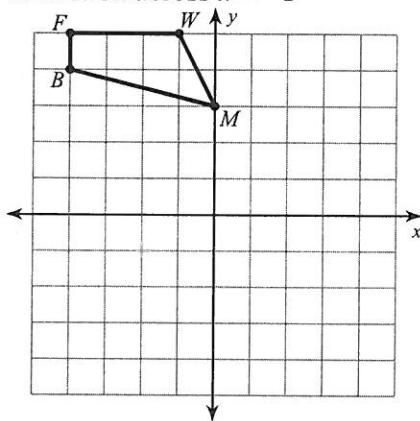


8) reflection across $y = 1$

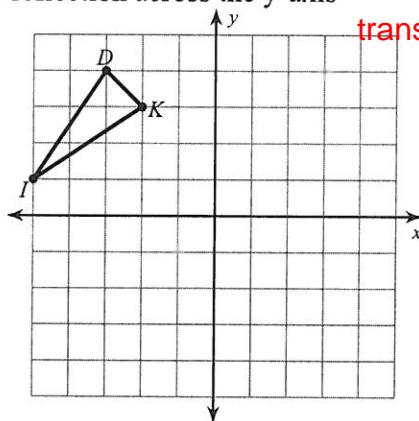


Find the coordinates of the vertices of each figure after the given transformation. Graph the figure after the indicated transformation.

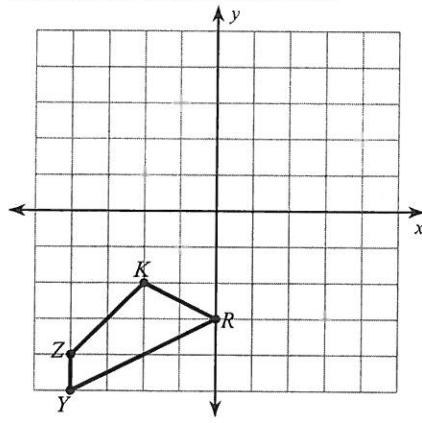
9) reflection across $x = -1$



10) reflection across the y-axis



11) reflection across the x-axis



12) reflection across $y = 1$

