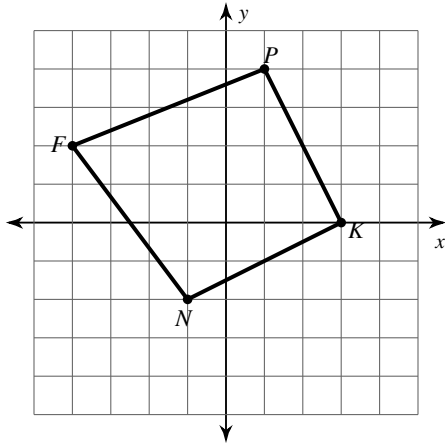


Rotations

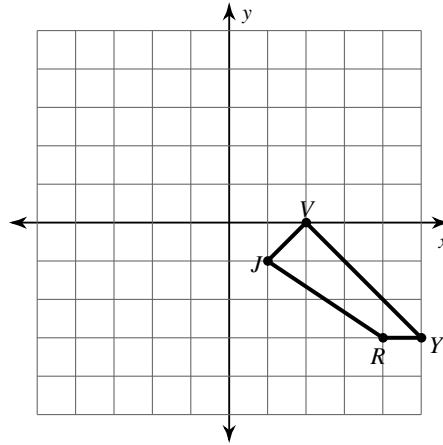
Date _____ Period _____

Graph the image of the figure using the transformation given.

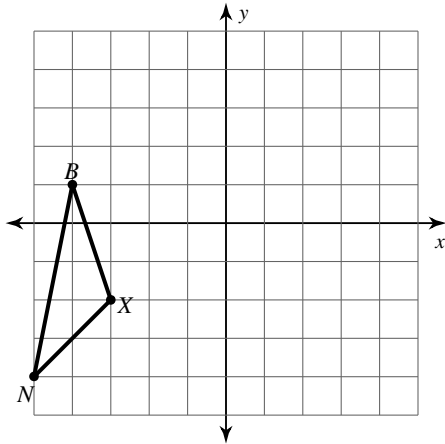
1) rotation 180° about the origin



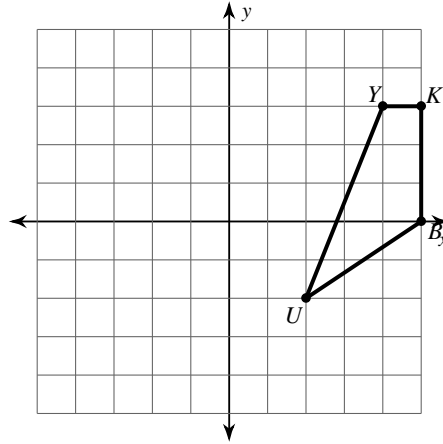
2) rotation 180° about the origin



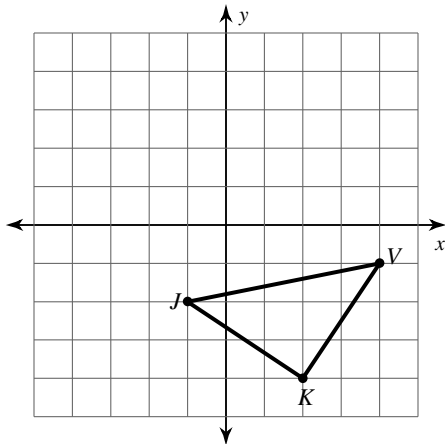
3) rotation 90° counterclockwise about the origin



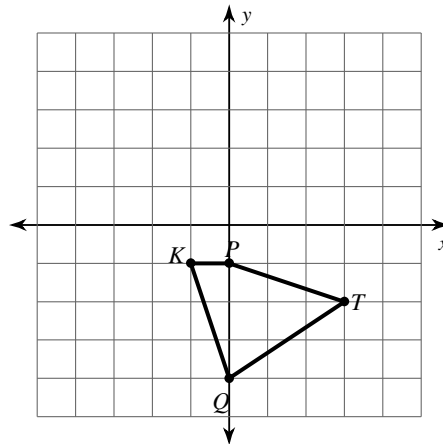
4) rotation 90° clockwise about the origin



5) rotation 90° clockwise about the origin

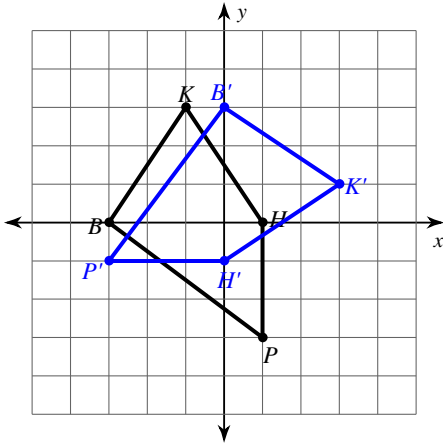


6) rotation 180° about the origin

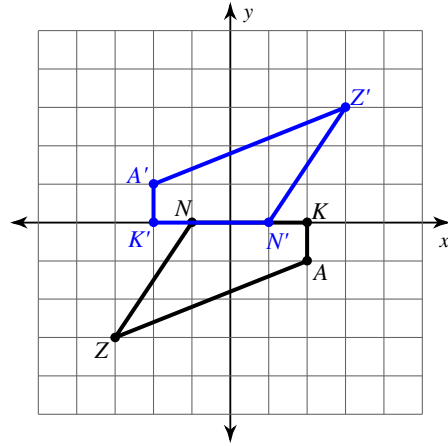


Write a rule to describe each transformation.

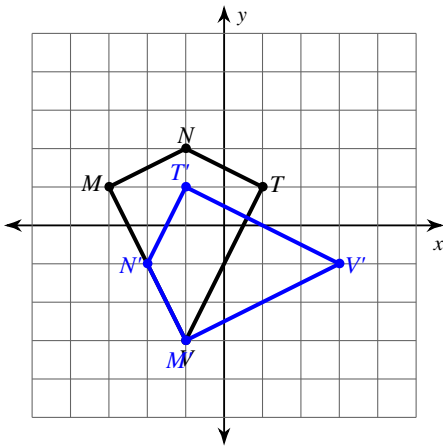
7)



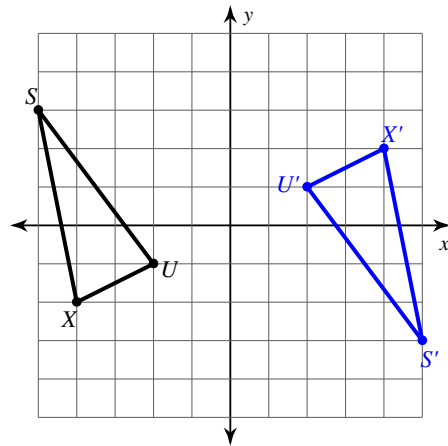
8)



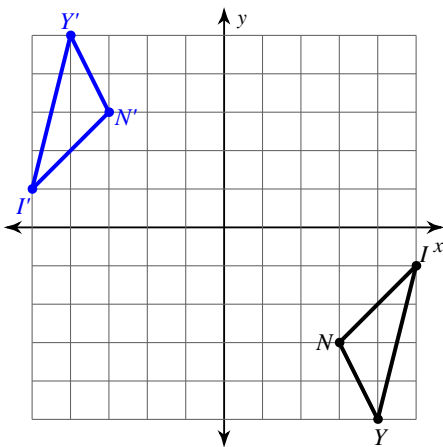
9)



10)



11)



12)

