Name_____

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

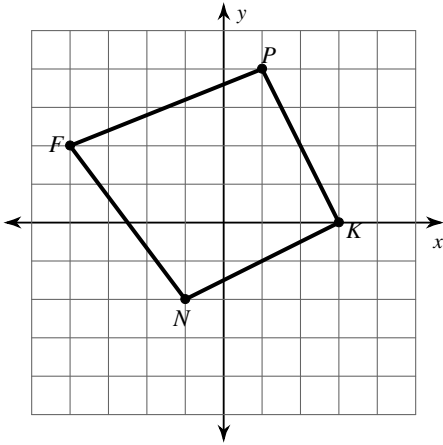**Write a rule to describe each transformation.**

7)

8)

9)

10)

11)

12)

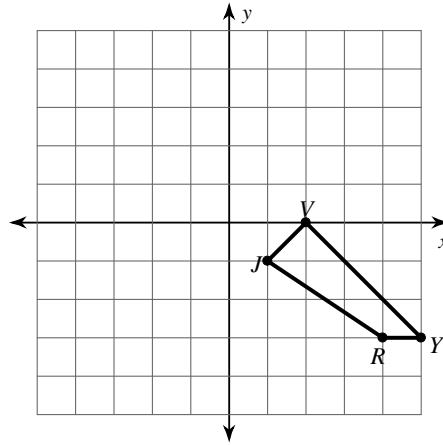# Rotations

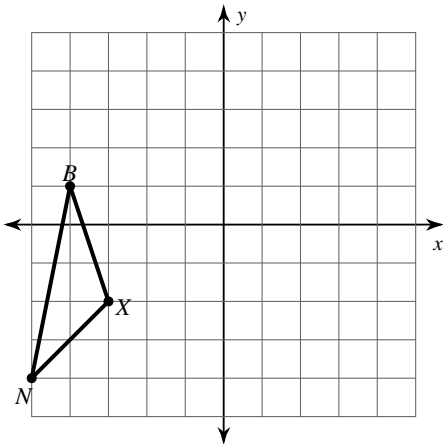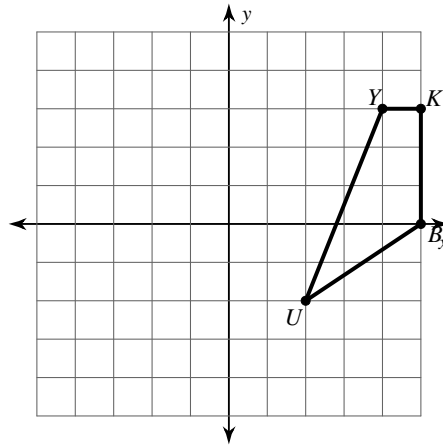**Graph the image of the figure using the transformation given.**

1) rotation 180° about the origin

2) rotation 180° about the origin

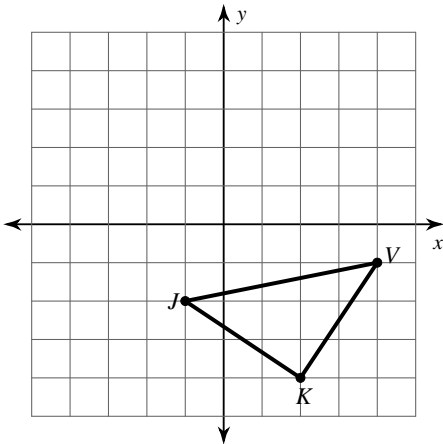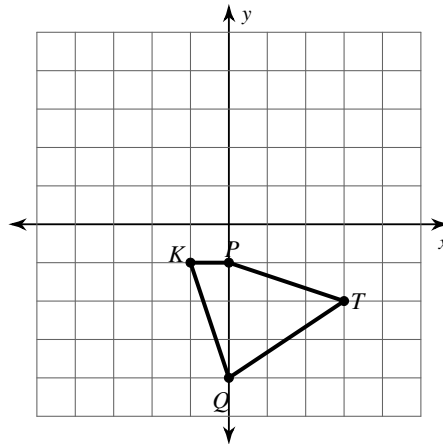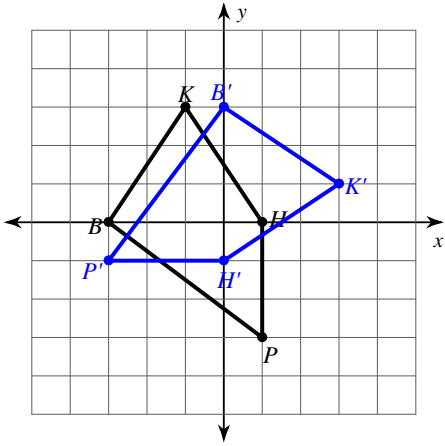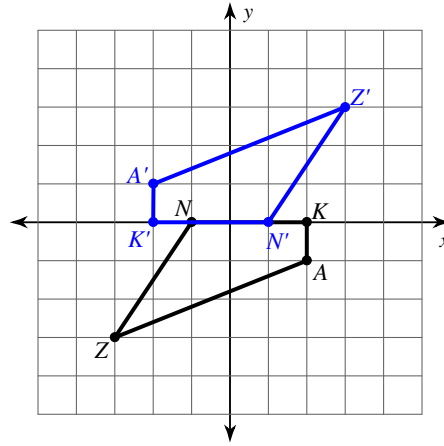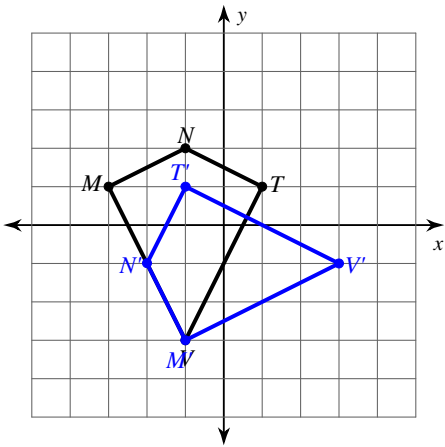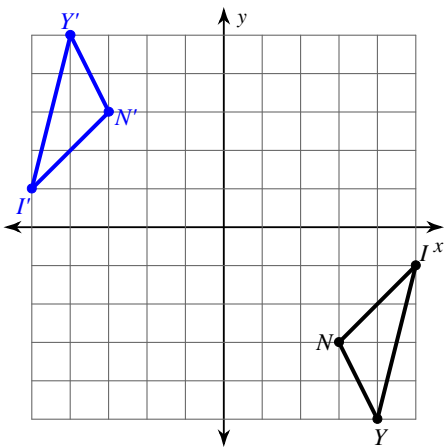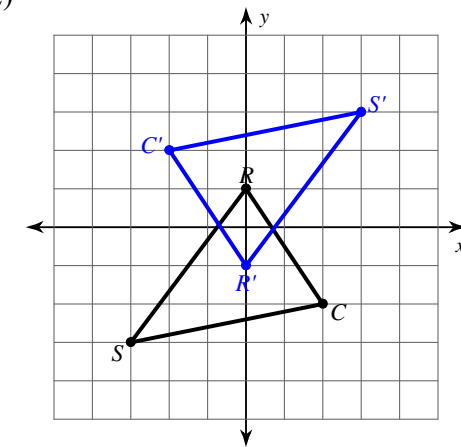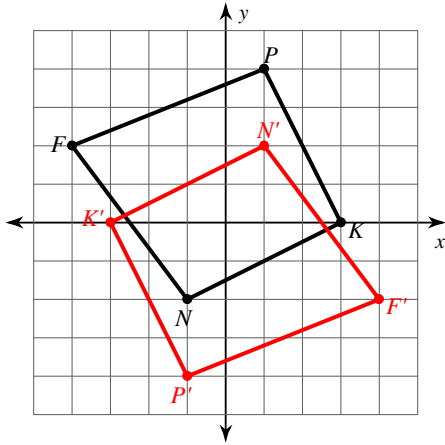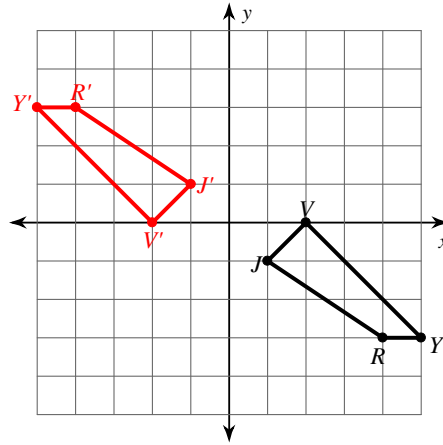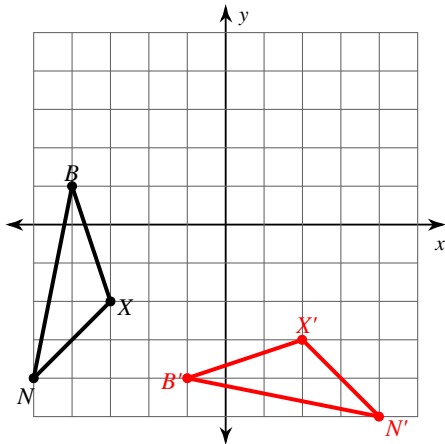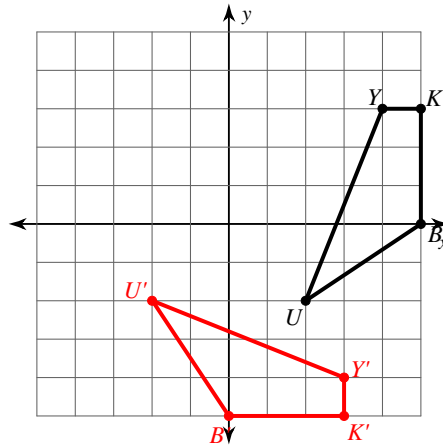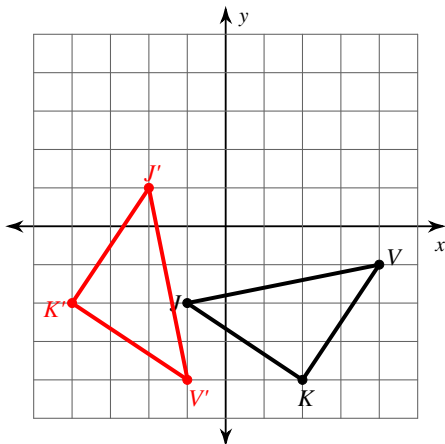3) rotation 90° counterclockwise about the origin

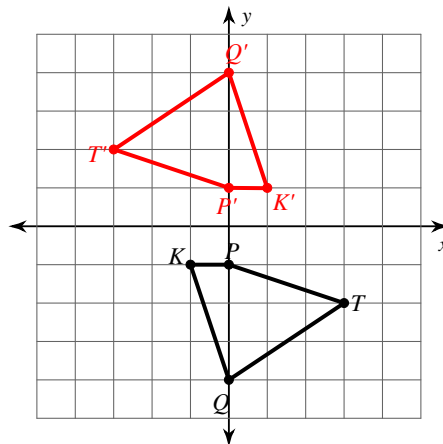4) rotation 90° clockwise about the origin
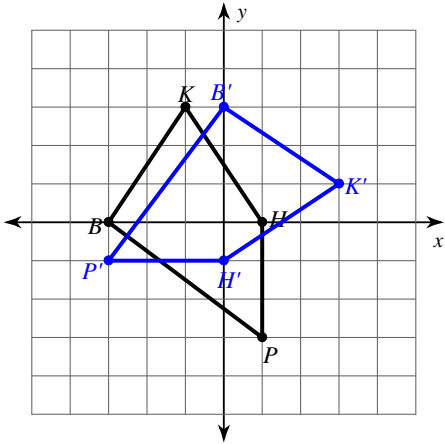
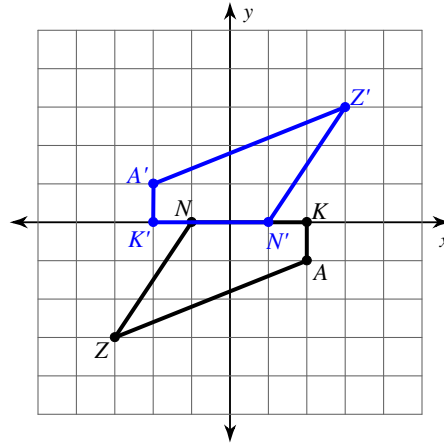5) rotation 90° clockwise about the origin

6) rotation 180° about the origin
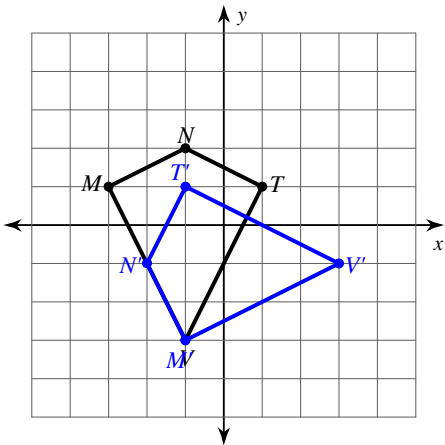
Write a rule to describe each transformation.

7)

rotation 90° clockwise about the origin

8)
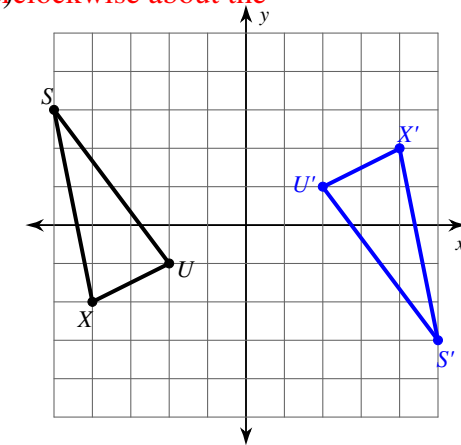

rotation 180° about the origin

9)

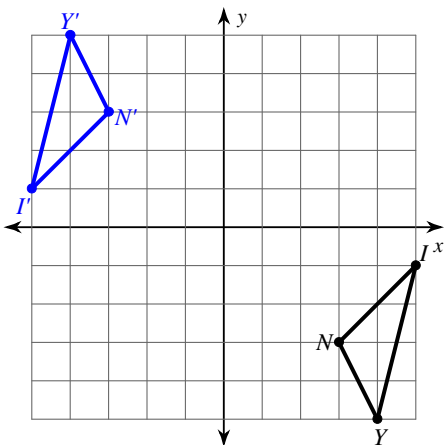
rotation 90° counterclockwise about the origin

10)

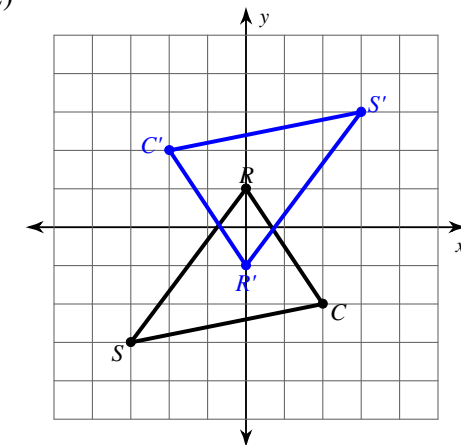rotation 180° about the origin

11)

rotation 180° about the origin

12)

rotation 180° about the origin