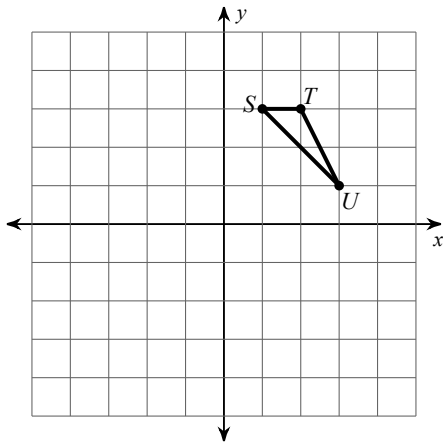
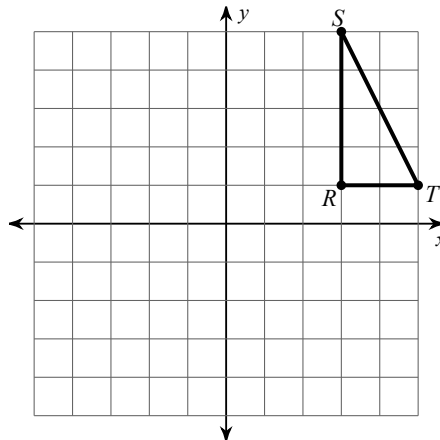


Graph the image of the figure using the transformation given.

1) rotation 180° about the origin

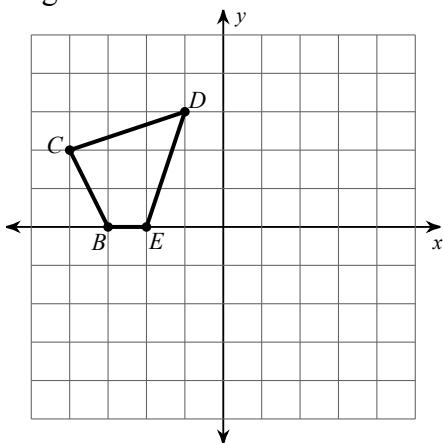


2) rotation 90° counterclockwise about the origin

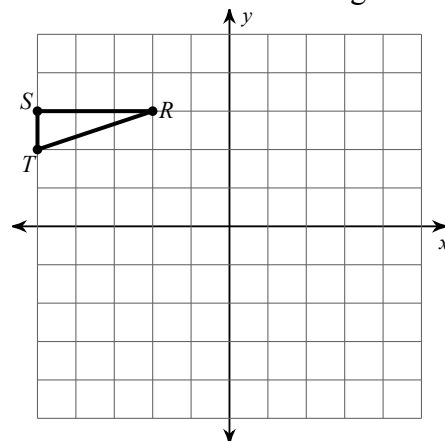


Find the coordinates of the vertices of each figure after the given transformation.

3) rotation 90° counterclockwise about the origin



4) rotation 180° about the origin



Write the slope-intercept form of the equation of the line through the given points.

5) through: $(0, 2)$ and $(-2, -1)$

6) through: $(4, -5)$ and $(0, -2)$

7) through: $(3, 3)$ and $(2, -5)$

8) through: $(1, 3)$ and $(1, -2)$

9) through: $(0, -5)$ and $(-2, -5)$

10) through: $(0, 5)$ and $(-3, 3)$

11) through: $(-4, -2)$ and $(-1, 0)$

12) through: $(1, -1)$ and $(-3, 3)$