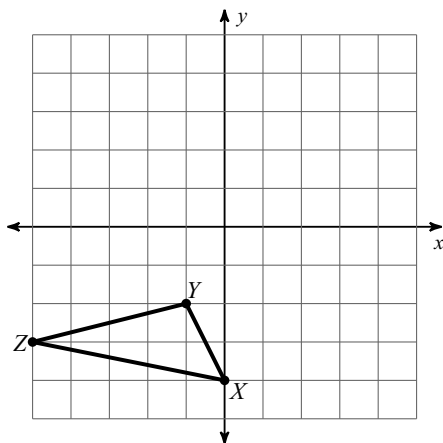


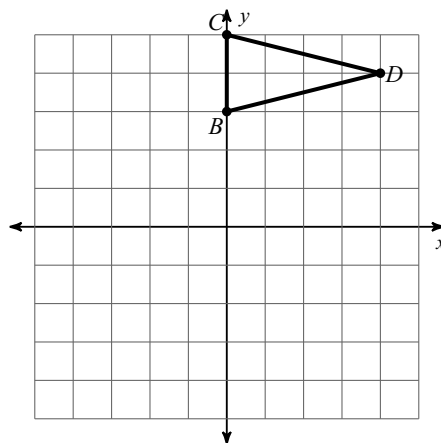
Assignment

Graph the image of the figure using the transformation given.

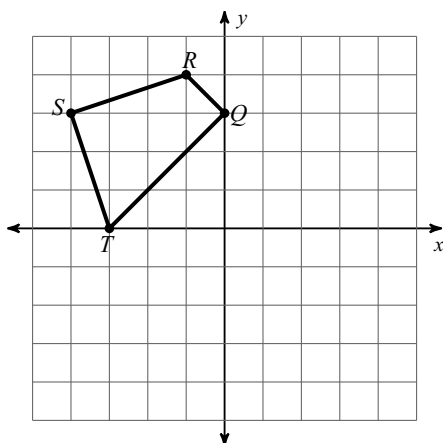
1) rotation 90° clockwise about the origin



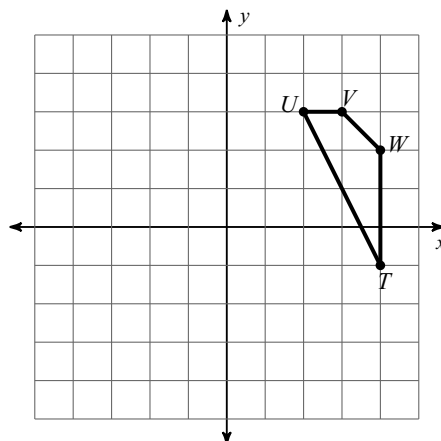
2) rotation 180° about the origin



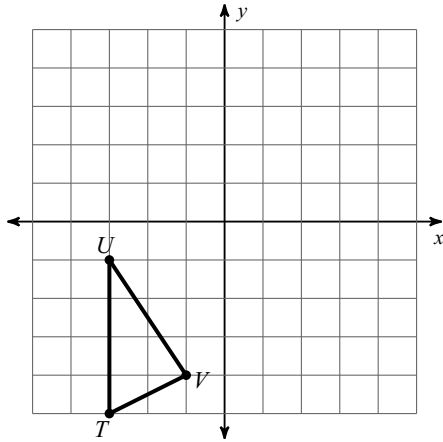
3) rotation 180° about the origin



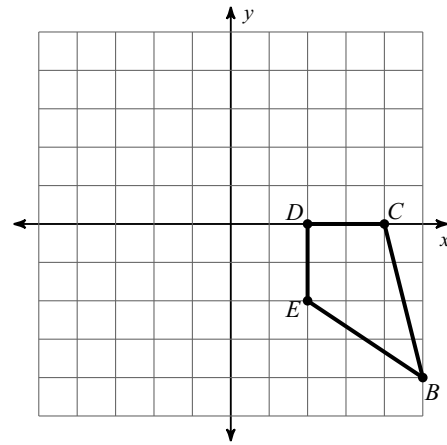
4) rotation 90° counterclockwise about the origin



5) rotation 90° counterclockwise about the origin

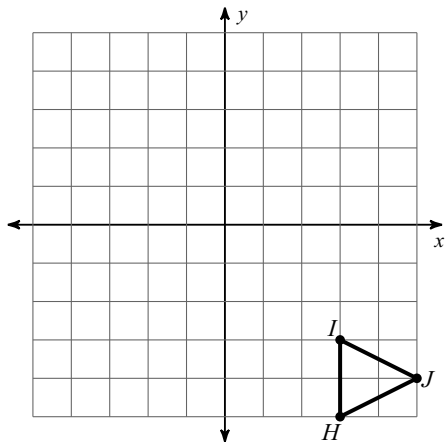


6) rotation 90° clockwise about the origin

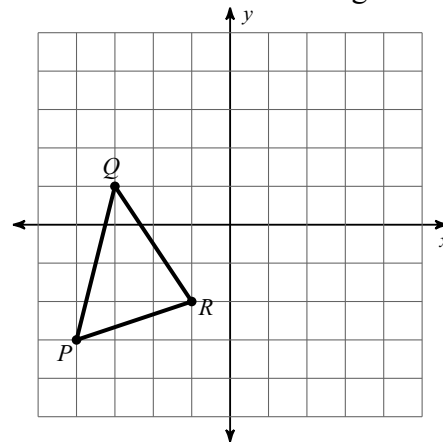


Find the coordinates of the vertices of each figure after the given transformation.

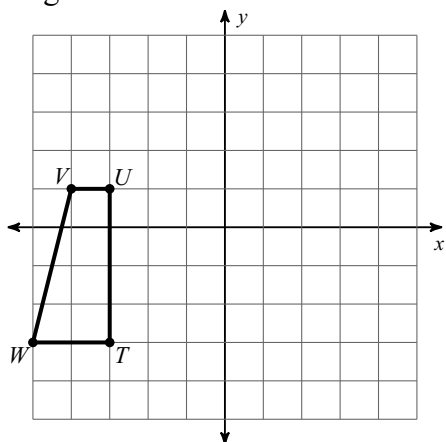
7) rotation 90° clockwise about the origin



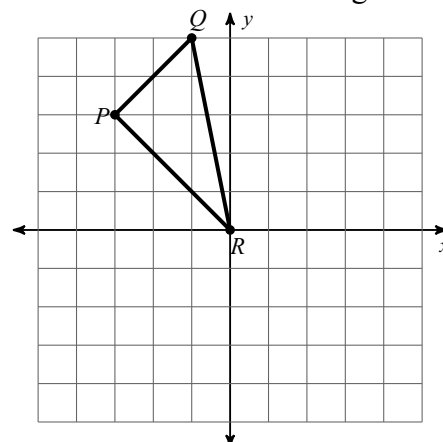
8) rotation 180° about the origin



9) rotation 90° counterclockwise about the origin



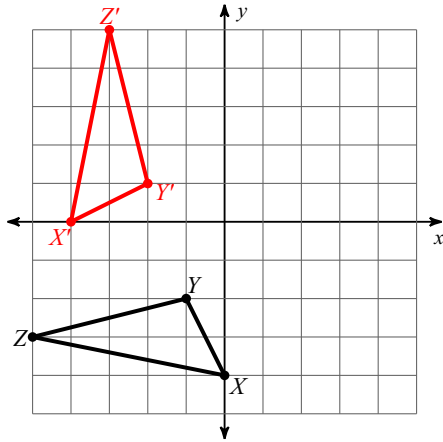
10) rotation 180° about the origin



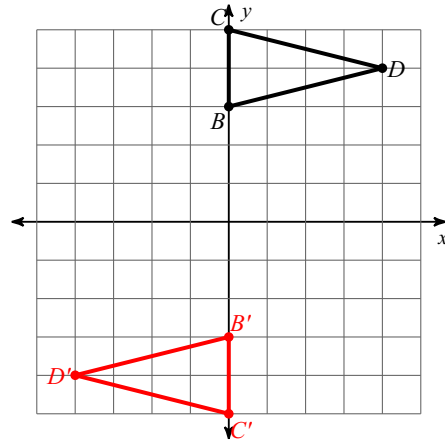
Assignment

Graph the image of the figure using the transformation given.

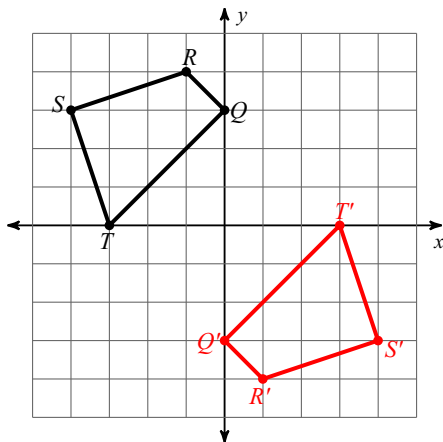
1) rotation 90° clockwise about the origin



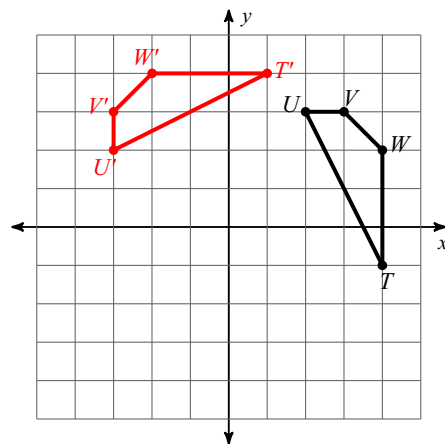
2) rotation 180° about the origin



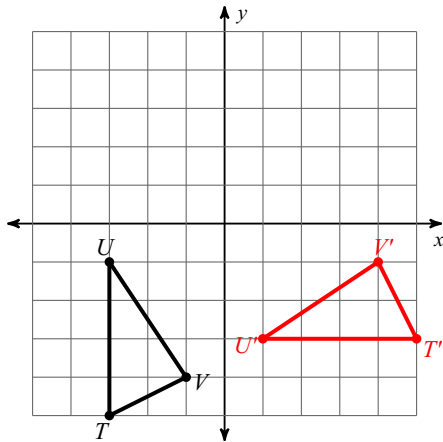
3) rotation 180° about the origin



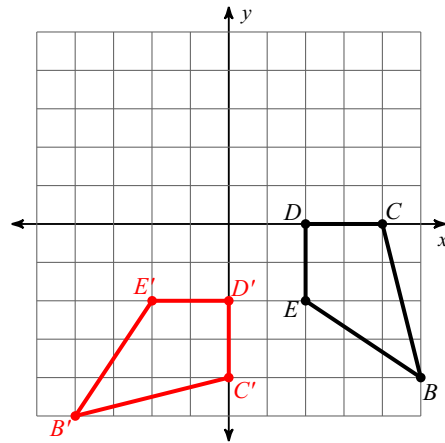
4) rotation 90° counterclockwise about the origin



5) rotation 90° counterclockwise about the origin

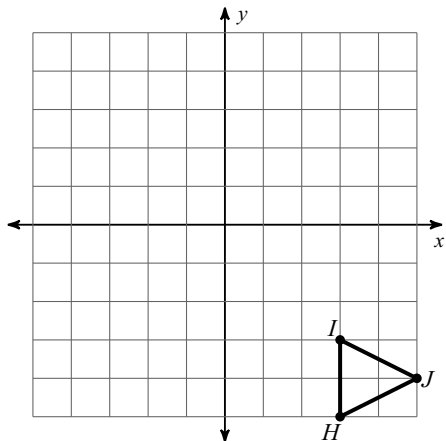


6) rotation 90° clockwise about the origin



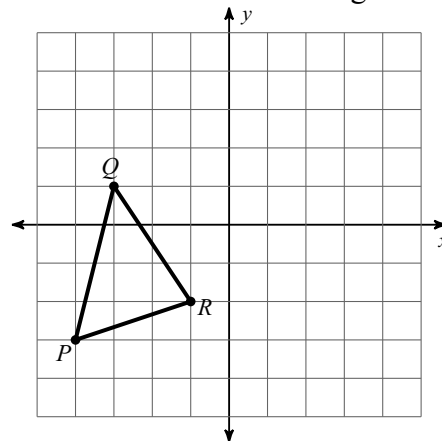
Find the coordinates of the vertices of each figure after the given transformation.

7) rotation 90° clockwise about the origin



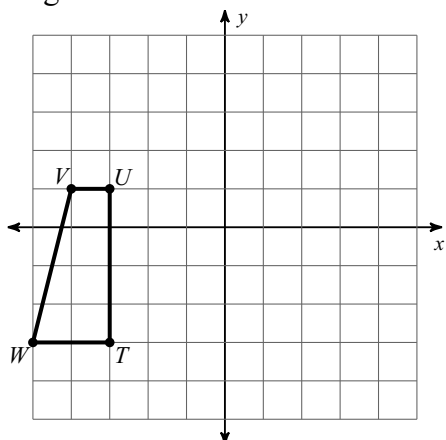
$H'(-5, -3), I'(-3, -3), J'(-4, -5)$

8) rotation 180° about the origin



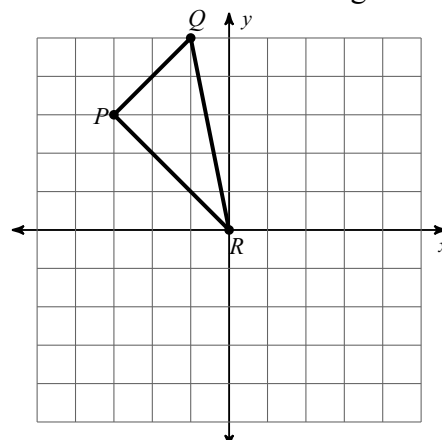
$P'(4, 3), Q'(3, -1), R'(1, 2)$

9) rotation 90° counterclockwise about the origin



$W'(3, -5), V'(-1, -4), U'(-1, -3), T'(3, -3)$

10) rotation 180° about the origin



$P'(3, -3), Q'(1, -5), R'(0, 0)$