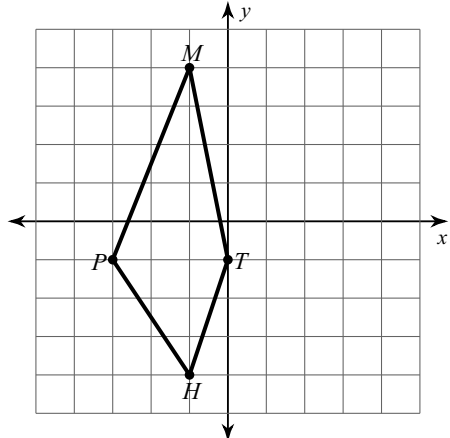


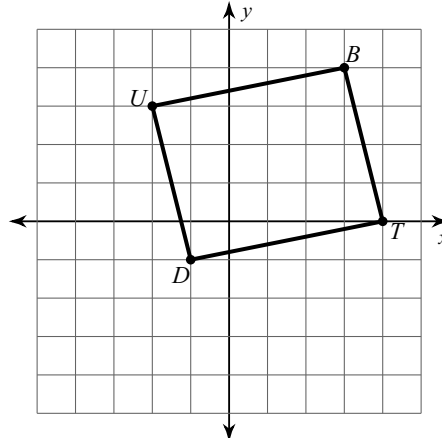
HW

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

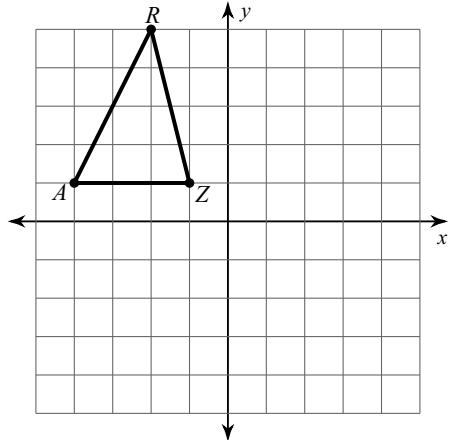
1) translation: $(x, y) \rightarrow (x + 1, y)$



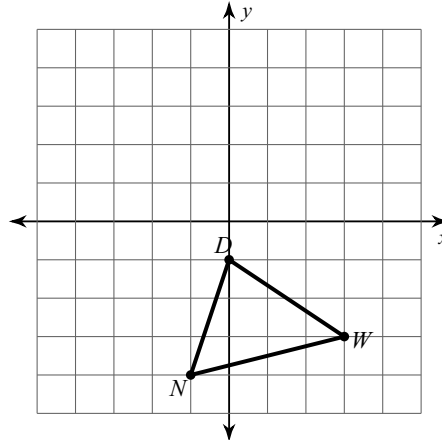
2) translation: $(x, y) \rightarrow (x - 1, y - 3)$



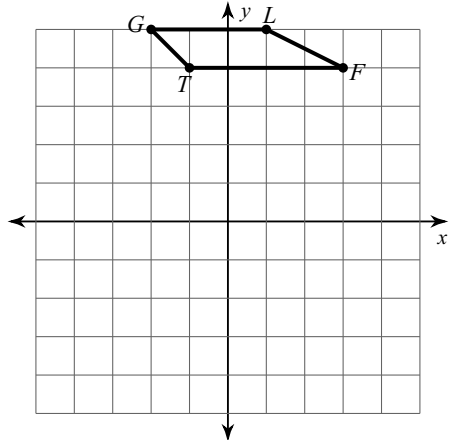
3) translation: $(x, y) \rightarrow (x + 6, y - 6)$



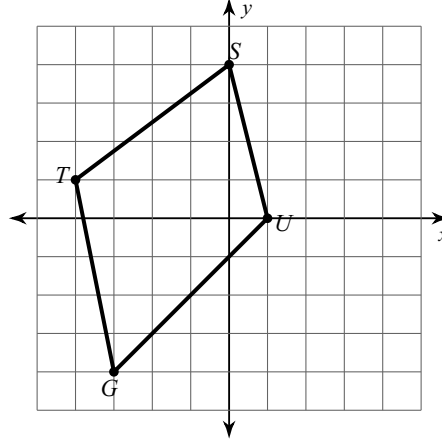
4) translation: $(x, y) \rightarrow (x - 4, y + 4)$



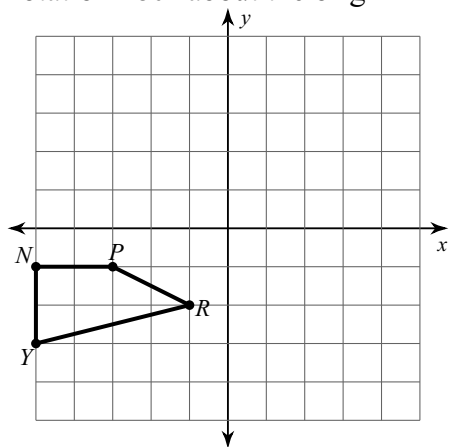
5) translation: $(x, y) \rightarrow (x - 2, y - 1)$



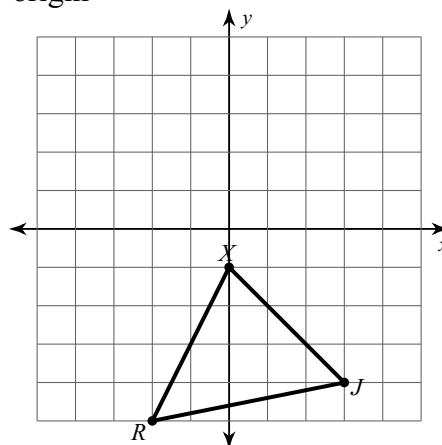
6) rotation 180° about the origin



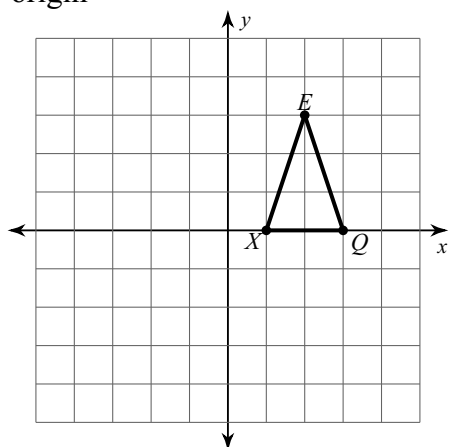
7) rotation 180° about the origin



8) rotation 90° counterclockwise about the origin



9) rotation 90° counterclockwise about the origin



10) rotation 90° counterclockwise about the origin

