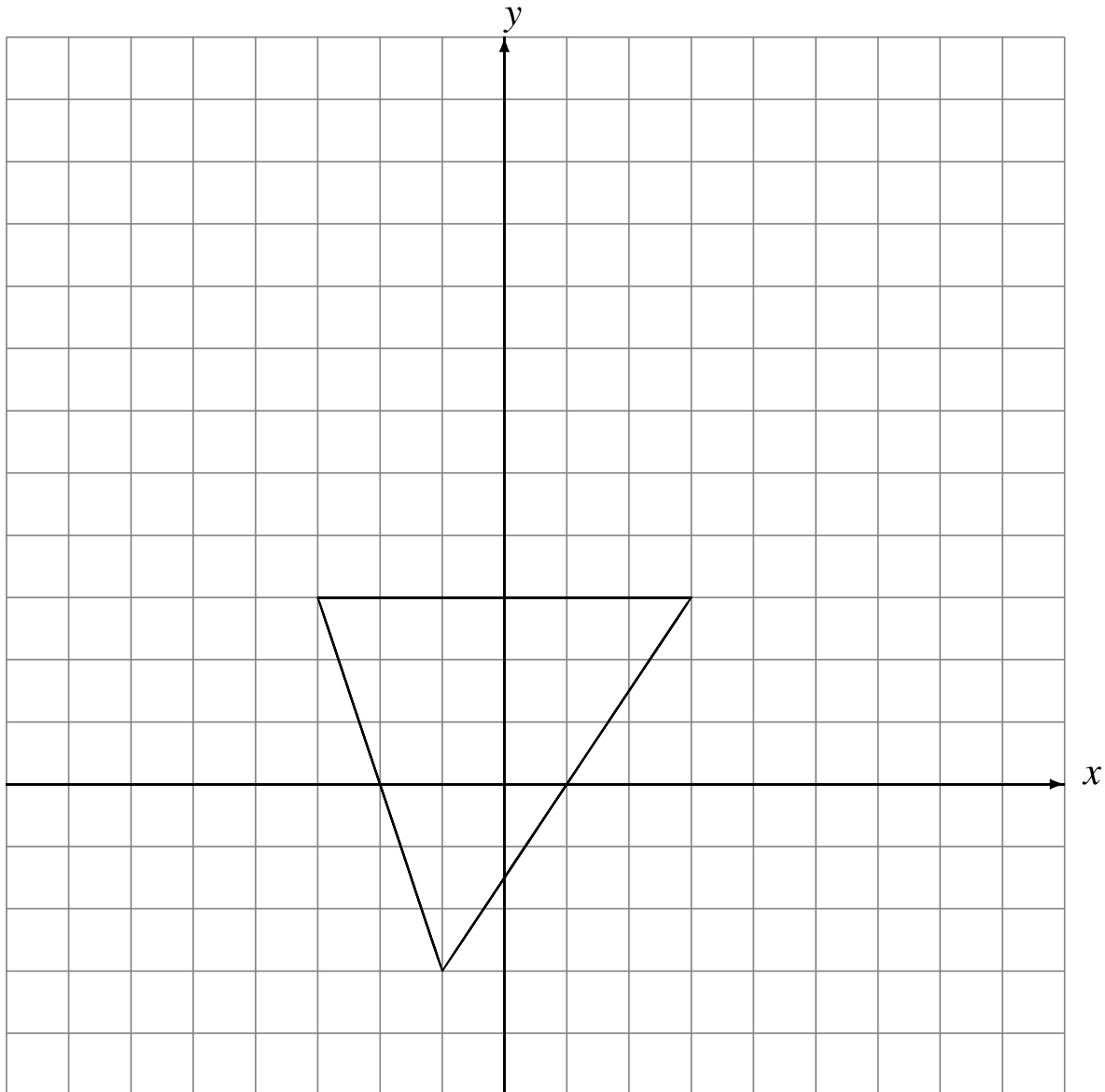


## Rotations (A)

Draw the intermediate and rotated images.

Rotate  $90^\circ$  clockwise about  $(4, 4)$ .

Rotate  $90^\circ$  clockwise about  $(-4, 3)$ .

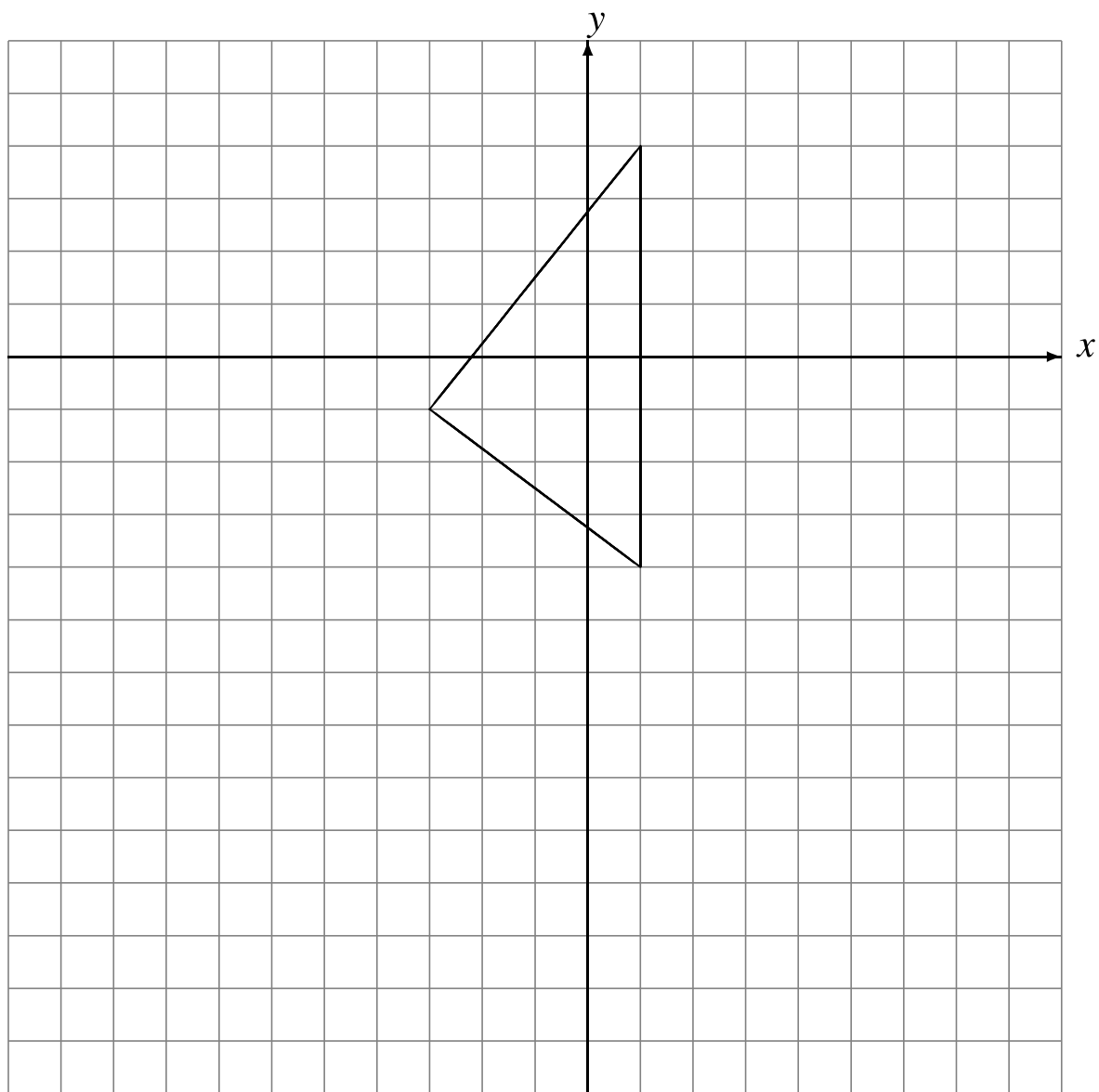


## Rotations (B)

Draw the intermediate and rotated images.

Rotate  $90^\circ$  counterclockwise about  $(-1, 3)$ .

Rotate  $180^\circ$  about  $(-1, -4)$ .

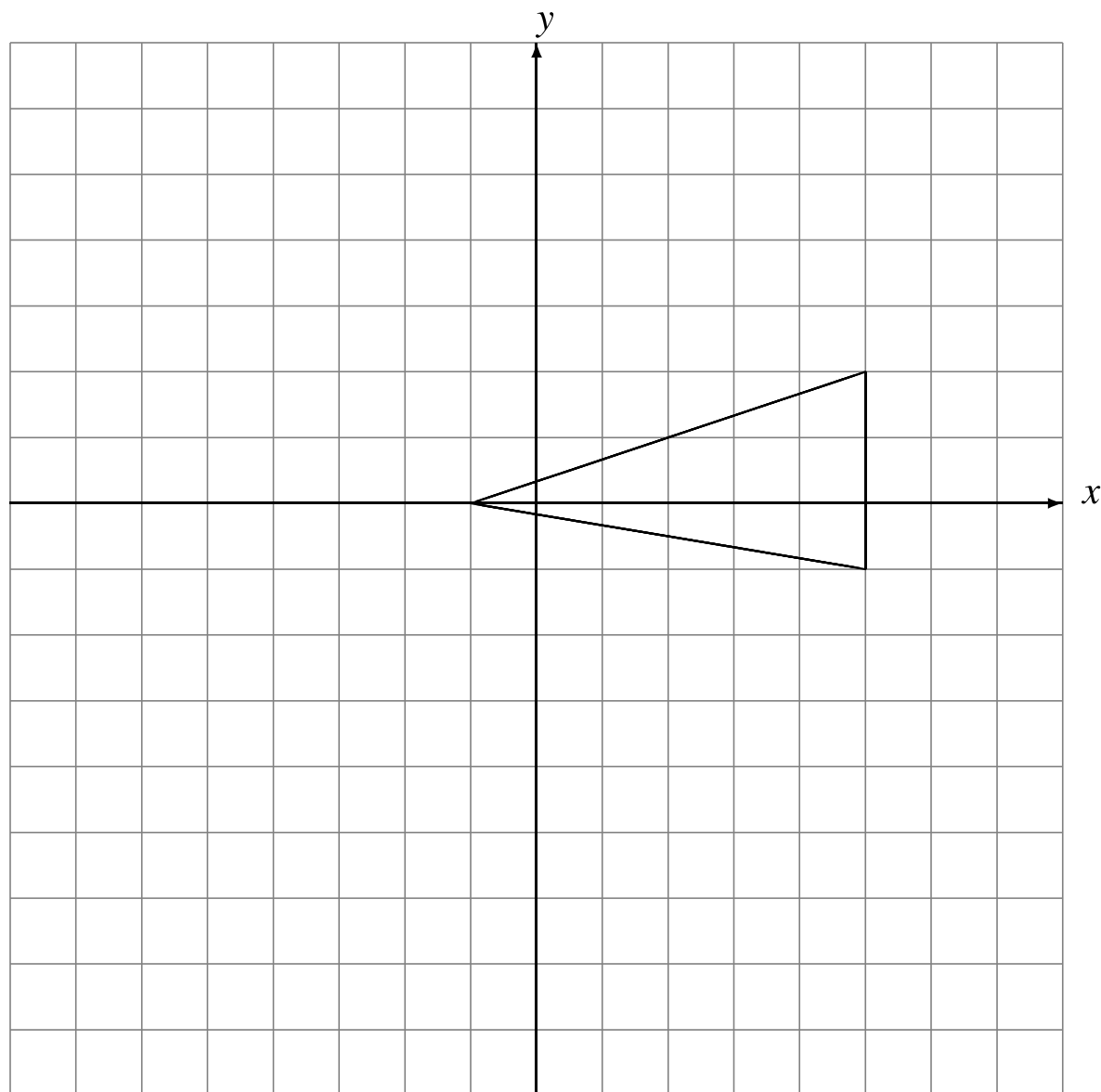


## Rotations (C)

Draw the intermediate and rotated images.

Rotate  $90^\circ$  counterclockwise about  $(-1, -4)$ .

Rotate  $90^\circ$  clockwise about  $(0, -5)$ .



## Rotations (D)

Draw the intermediate and rotated images.

Rotate  $90^\circ$  clockwise about  $(-1, 2)$ .

Rotate  $180^\circ$  about  $(-2, 0)$ .

