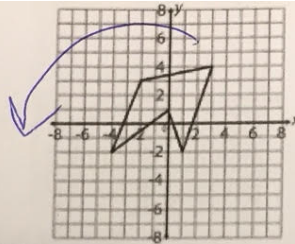


Student #1



The pentagon is rotated 90° counterclockwise around the origin. Show your work performing the transformation on the coordinates. Then, draw the new figure in the space provided.

$$(-y, x)$$

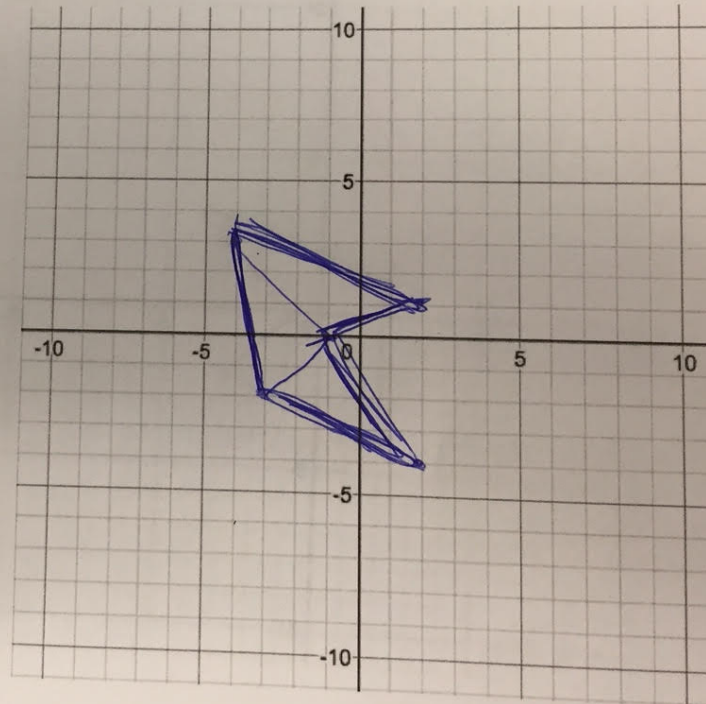
$$(-2, 3) \rightarrow (-3, -2)$$

$$(3, 4) \rightarrow (-4, 3)$$

$$(1, -2) \rightarrow (2, 1)$$

$$(0, 1) \rightarrow (-1, 0)$$

$$(-4, -2) \rightarrow (2, -4)$$



Student #2

The pentagon is rotated 90° counterclockwise around the origin. Show your work performing the transformation on the coordinates. Then, draw the new figure in the space provided.

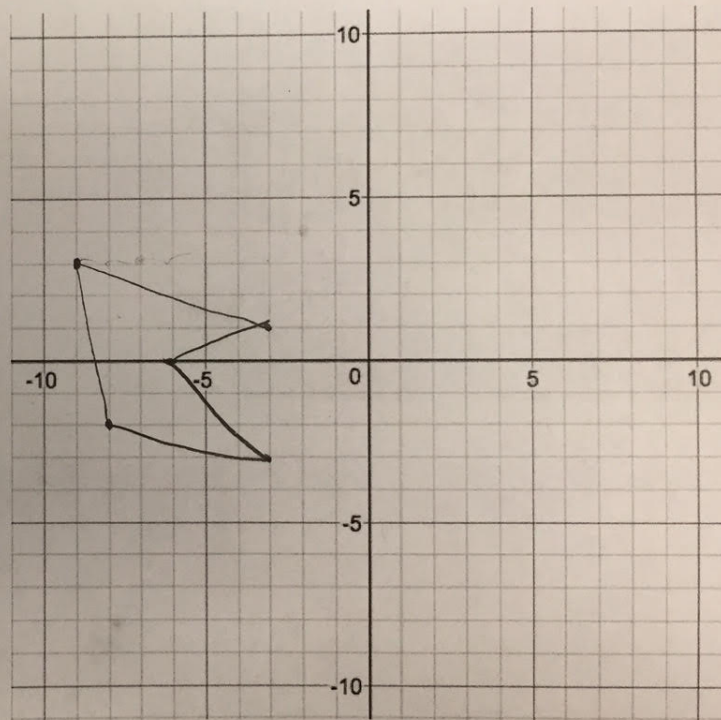
$$(3, 4) \rightarrow (-4, 3)$$

$$(1, -2) \rightarrow (-3, 1)$$

$$(0, 1) \rightarrow (-3, -3)$$

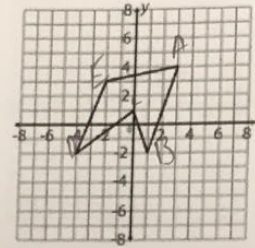
$$(-4, -2) \rightarrow (-8, -2)$$

$$(-2, 3) \rightarrow (-3, -6)$$



Student #3

A pentagon is located on the coordinate plane below.



A: 3, 4 -4, 3
B: 1, -2 2, 1
C: 0, 1 -1, 0
D: -4, -2 2, -4
E: -2, 3 -3, -2

The pentagon is rotated 90° counterclockwise around the origin. Show your work performing the transformation on the coordinates. Then, draw the new figure in the space provided.

