

Name:

BECA / Dr. Huson / Geometry 5 Congruence Transformations

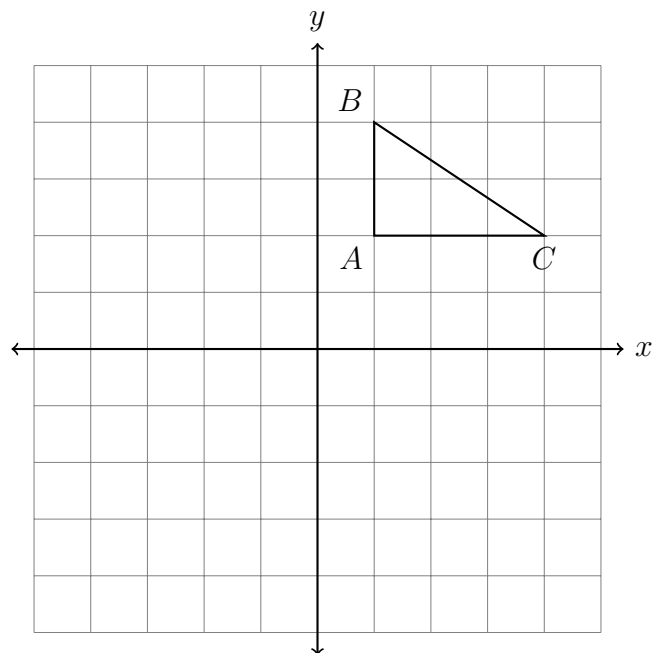
**5.7 Classwork: Rotation review****CCSS.HSG.CO.A.5**

1. Rotate the triangle  $90^\circ$  clockwise around the origin,  $\triangle ABC \rightarrow \triangle A'B'C'$ . Complete the table of the coordinates and plot and label the image on the grid.

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

$$B(1, 4) \rightarrow$$

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



2.  $\triangle ABC$  is shown with vertices  $A(-1, 3)$ ,  $B(4, 0)$ , and  $C(5, 3)$ . Rotate the triangle  $90^\circ$  counterclockwise around the origin. Write down its coordinates in a table and plot and label it on the graph.

