BECA / Dr. Huson / Geometry 5 Congruence Transformations
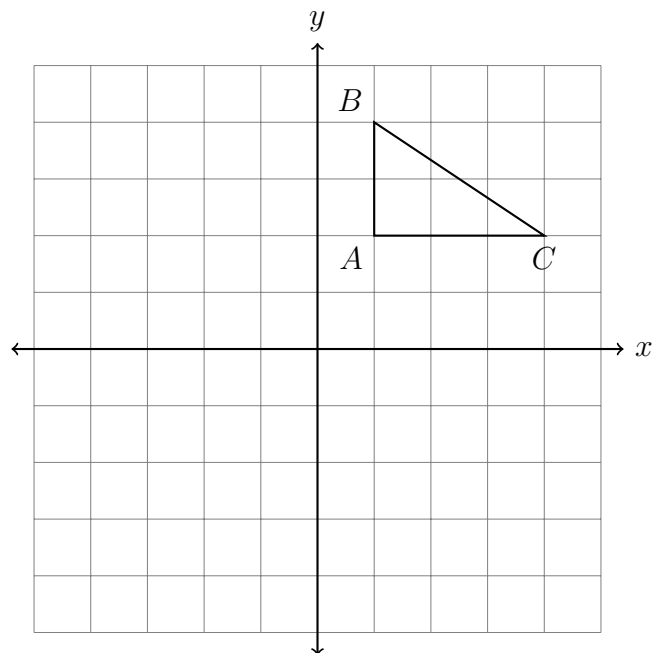
5.7 Classwork: Rotation review   **CCSS.HSG.CO.A.5**

1. Rotate the triangle 90° 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° counter clockwise around the origin. Write down its coordinates in a table and plot and label it on the graph.