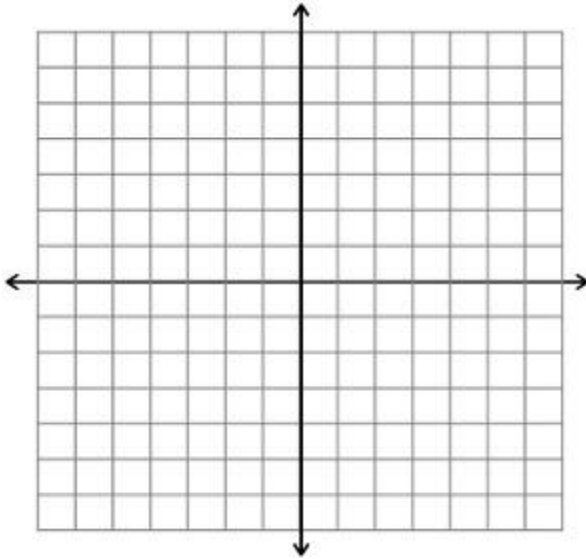


Rotations (Around a Point/Vertice)

For each question plot the given points and connect them to make the desired shape. Label the vertices of the original shape. Graph and label the transformation of the original shape according to the given rule.

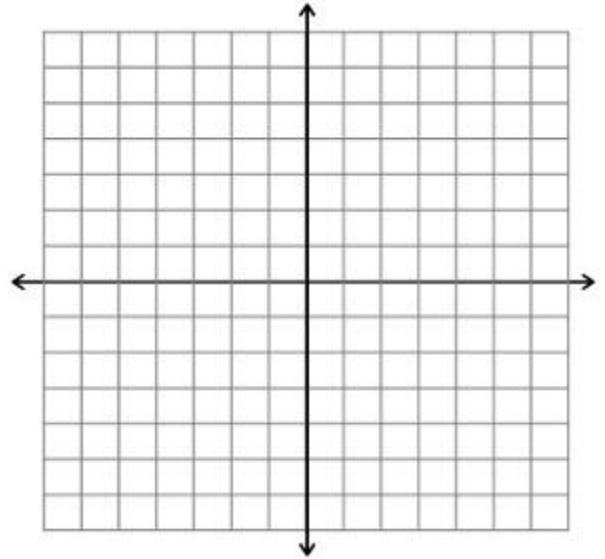
1. Triangle $A(1, 2), B(4, 2), C(1, -3)$.

Rotate 90° counterclockwise around C .



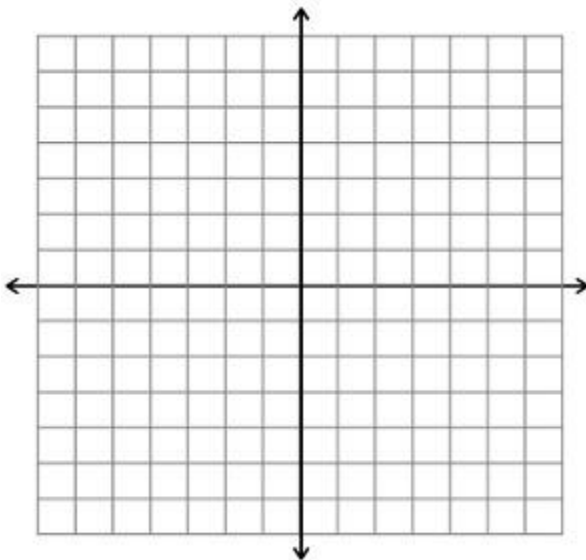
2. Triangle $A(1, 0), B(3, 3), C(5, 0)$.

Rotate 180° around A .



3. Triangle $A(-2, 0), B(0, 3), C(0, -3)$.

Rotate 90° clockwise around A .



4. Triangle $A(-2, 0), B(0, 3), C(0, -3)$.

Rotate 180° counterclockwise around A .

