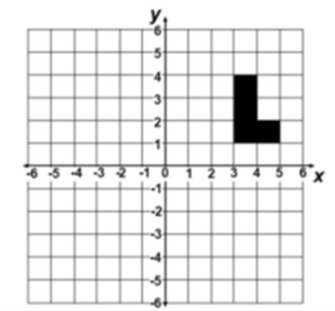


Name: _____ Date: _____

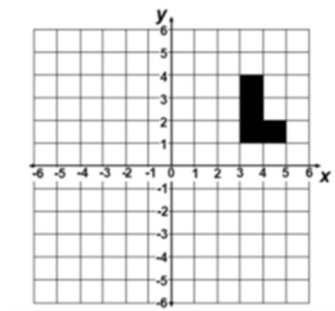
Rotations Practice

1. Where will the L-Shape be if it is...

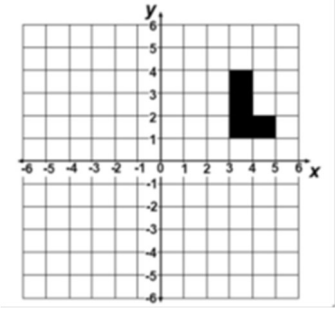
a. rotated 180° around the origin?



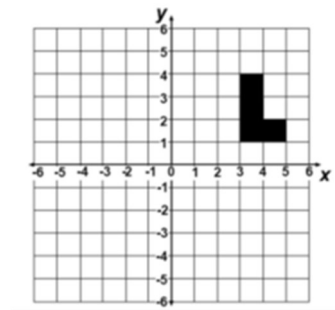
b. rotated 90° clockwise around the origin?



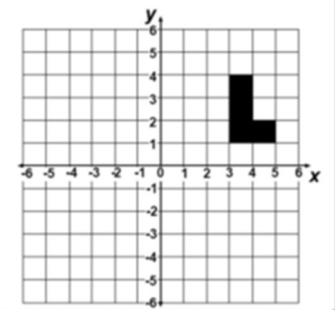
c. rotated 90° counterclockwise around the origin?



d. rotated 270° clockwise around the origin?

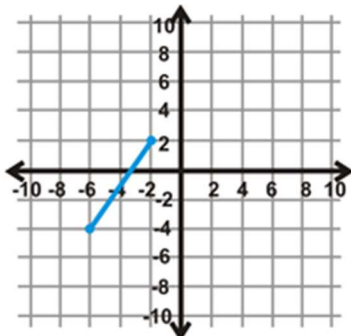


e. rotated 90° counterclockwise around the point (3, 0)?

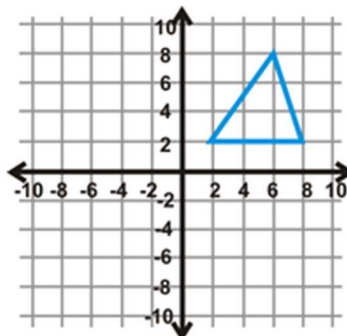


2. Rotate each figure about the origin using the given clockwise angle.

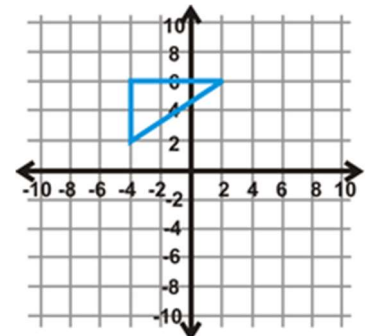
a. 180°



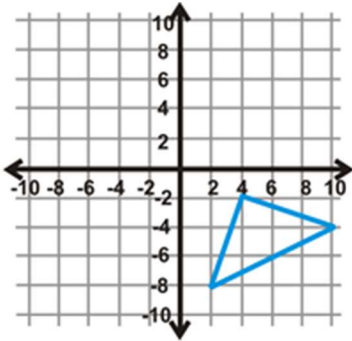
b. 270°



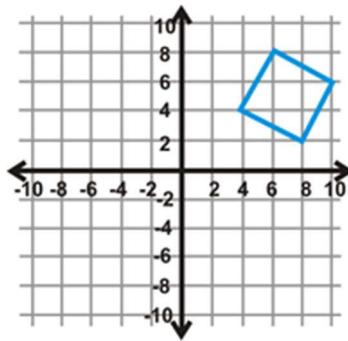
c. 90°



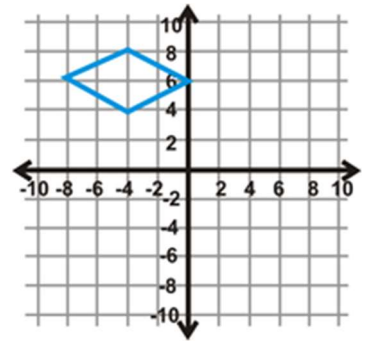
d. 270°



e. 180°

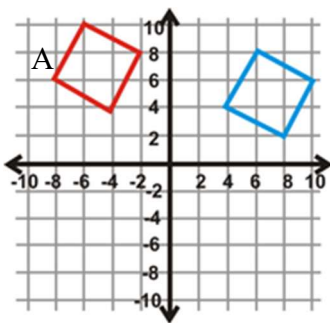


f. 90°

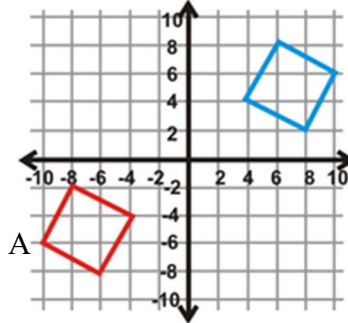


3. Find the angle of rotation for the graphs below. The center of rotation is the origin, and the Image labeled A is the preimage. Your answer will be 90° , 180° , or 270° .

a.



b.



c.

