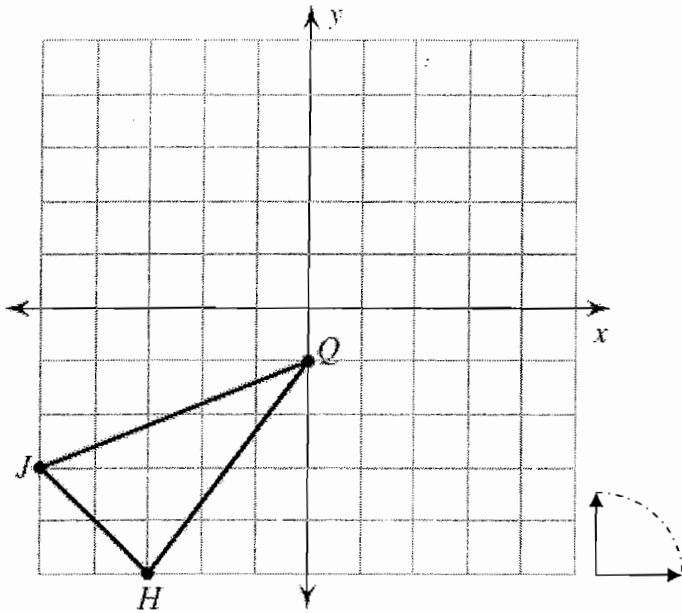


Name: _____

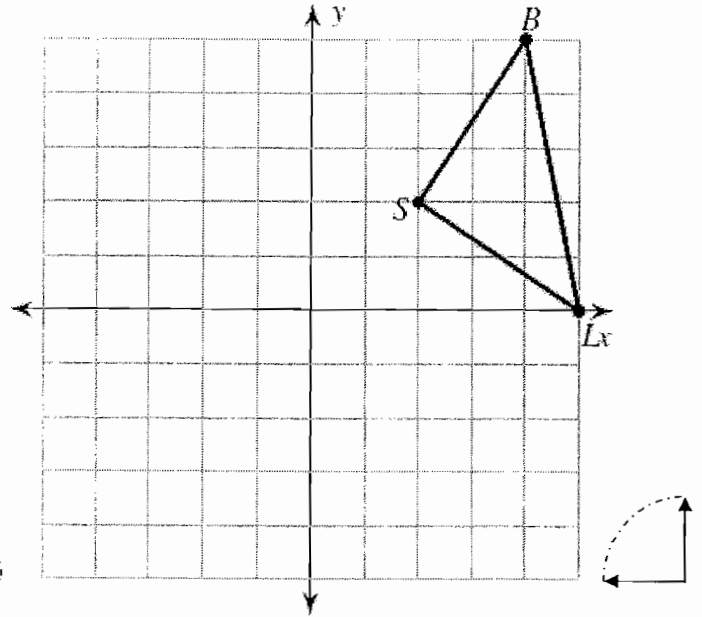
Rotation of shapes

Rotate the shapes using the transformation given.

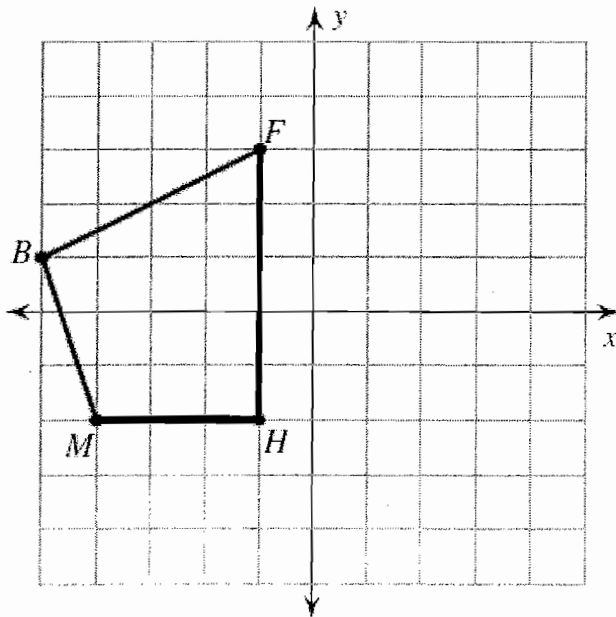
Rotation 90° clockwise about the origin



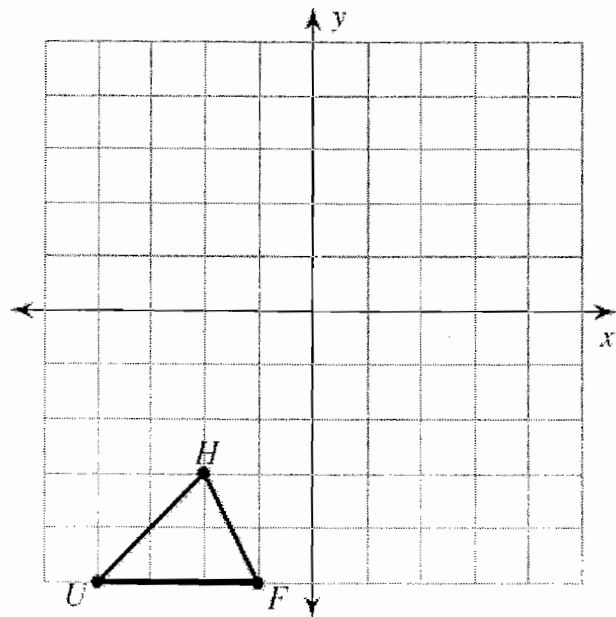
Rotation 90° counter-clockwise about the origin

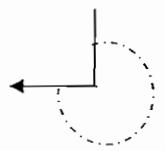


Rotation 180° about (0, 0)



Rotation 270° clockwise about (0, 0)

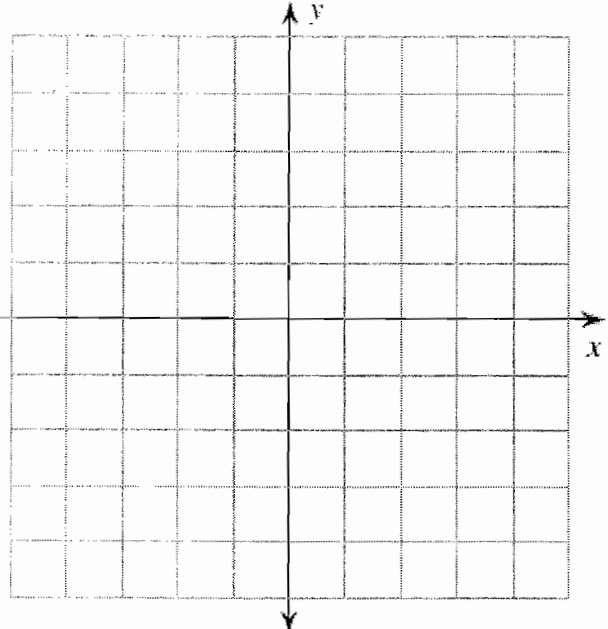
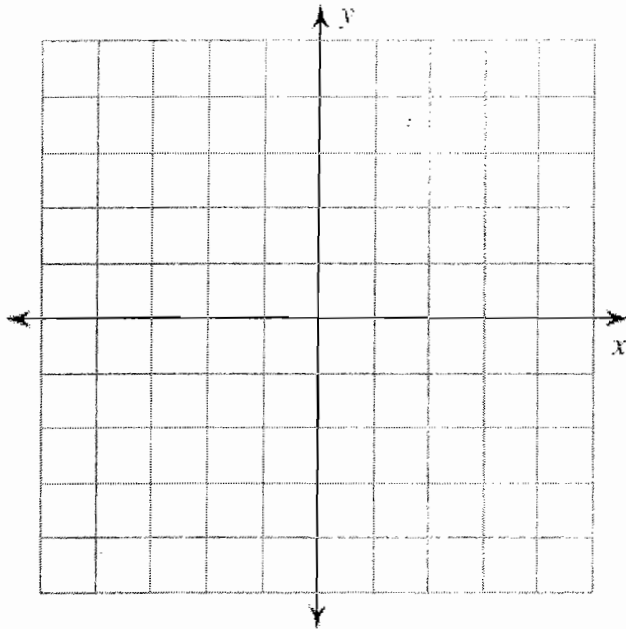




1. Draw the shape, and then rotate using the transformation given.

Rotation 90° clockwise about the origin
 $U(1, -2)$, $W(0, 2)$, $K(3, 2)$, $G(3, -3)$

Rotation 180° about the origin
 $V(2, 0)$, $S(1, 3)$, $G(5, 0)$



Ext:

2. Write a rule to describe each transformation (Remember to give a center of rotation, direction and the angle turn.)

