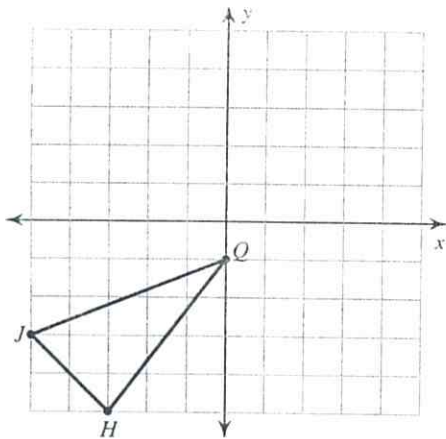
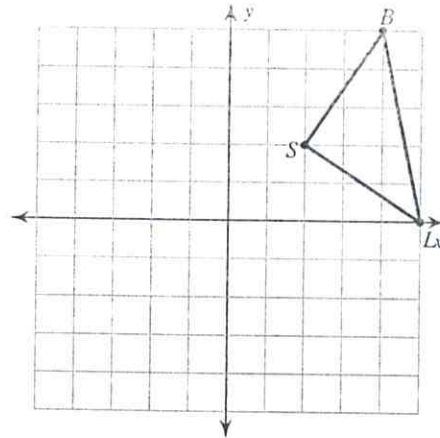
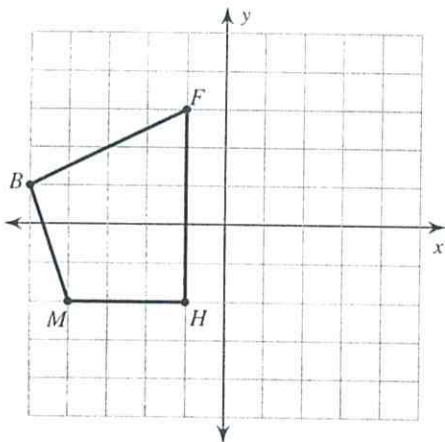
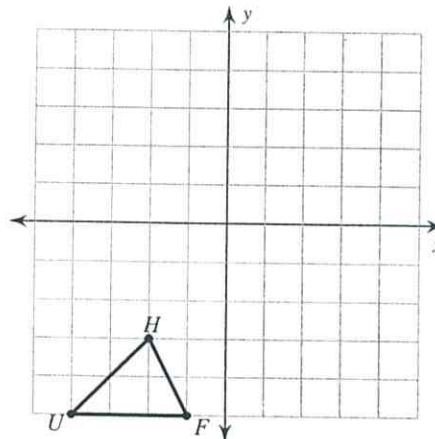
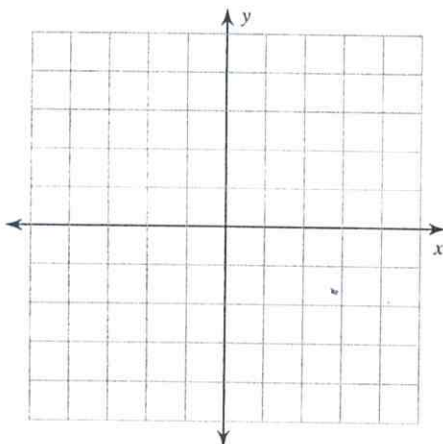


## Rotations of Shapes

Date \_\_\_\_\_ Period \_\_\_\_\_

Graph the image of the figure using the transformation given.

1) rotation  $180^\circ$  about the origin2) rotation  $90^\circ$  counterclockwise about ~~the origin~~  $(0, -1)$ 3) rotation  $90^\circ$  clockwise about the origin4) rotation  $180^\circ$  about ~~the origin~~  $(-1, 1)$ 5) rotation  $90^\circ$  clockwise about ~~the origin~~  $(1, 1)$   
 $U(1, -2), W(0, 2), K(3, 2), G(3, -3)$ 6) rotation  $180^\circ$  about the origin  
 $V(2, 0), S(1, 3), G(5, 0)$ 