Name_____

Rotations of Shapes

Date_____ Period____

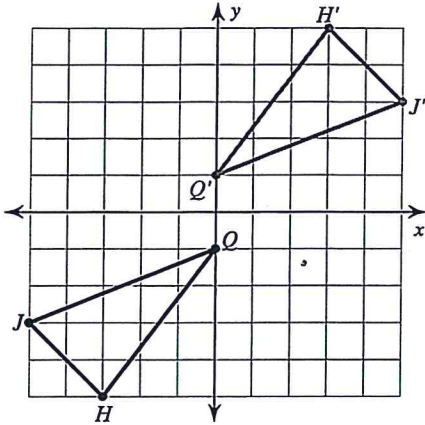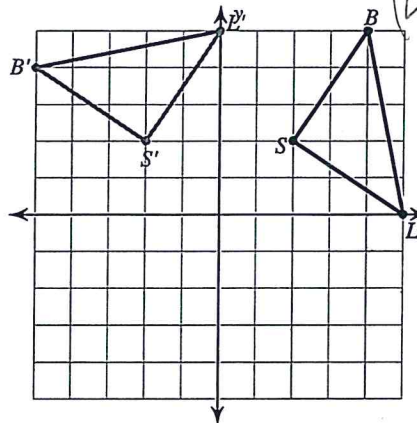**Graph the image of the figure using the transformation given.**
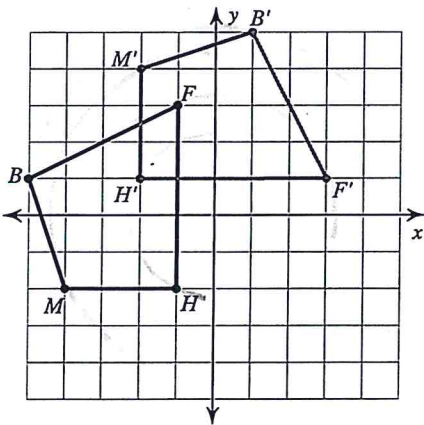
1) rotation 180° about the origin

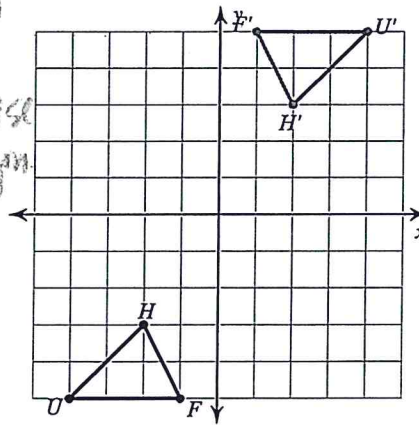2) rotation 90° counterclockwise about the origin

(4, 5)

ΔXYZ reflects ΔBSL across y= 1 (Yes, they will overlap.)

3) rotation 90° clockwise about the origin
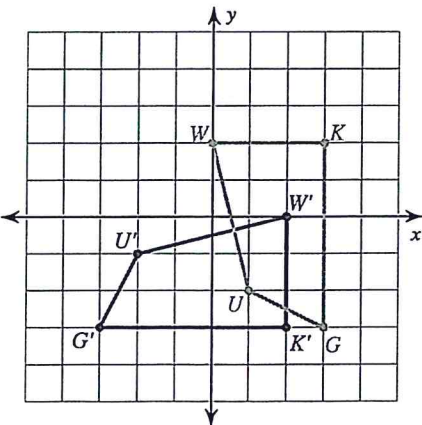

rotate FBMH 270° counterclockwise about the origin.

4) rotation 180° about the origin

ΔH"U"F" reflects H'U'F' across x=1.
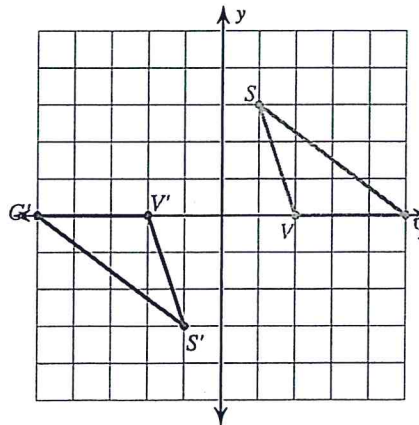
5) rotation 90° clockwise about the origin
U(1, −2), W(0, 2), K(3, 2), G(3, −3)

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

rotate ΔVSG 270° clockwise around (1,1) to get ΔUWX