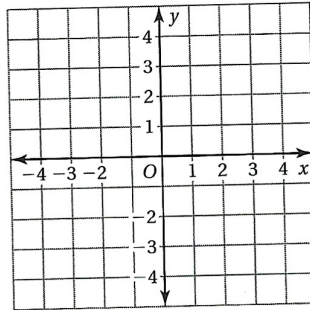
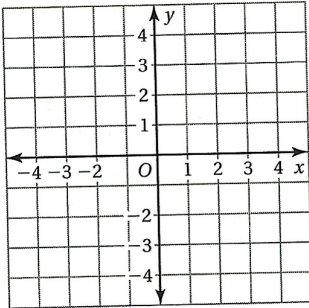


Topic 1 Practice (continued)

The vertices of a triangle are $L(-3, 1)$, $M(-3, 4)$, and $N(-1, 1)$. Rotate the triangle as described. Find the coordinates of the image.

5. 180° clockwise about the origin 6. 90° counterclockwise about the origin



The vertices of a kite are $F(-6, -1)$, $G(-4, 1)$, $H(-2, -1)$, and $J(-4, -5)$. Dilate the kite using the given scale factor. Find the coordinates of the image. Identify the type of dilation.

7. scale factor = 2 8. scale factor = $\frac{1}{2}$

