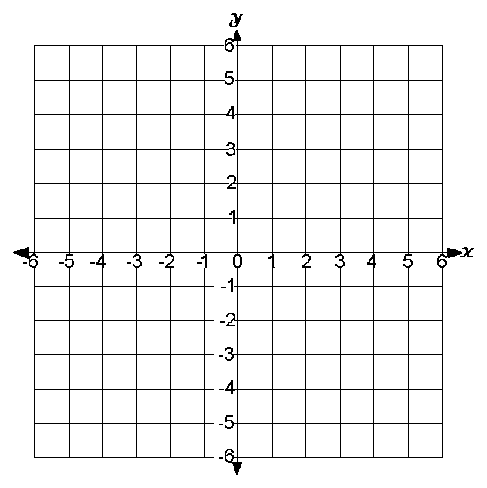
**Reflection HW** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reflect each figure as described. Write the coordinates of the figure’s image after it has been reflected.

**1.** Reflect XYZ across the x-axis. X (-3, -2), Y (-5, 0), Z (1, 3)

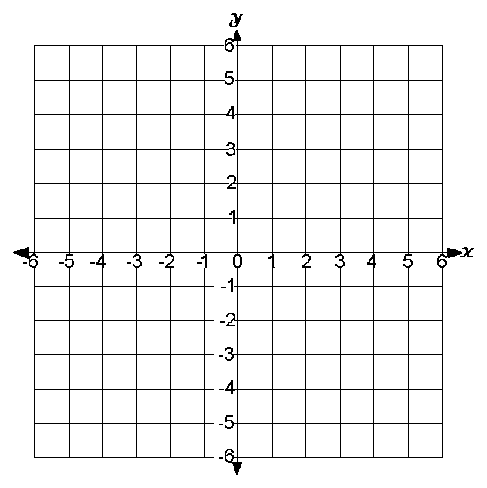


X**´** ( , )

Y**´** ( , )

Z**´** ( , )

**2.** Reflect XYZ across the y-axis. X (3, -4), Y (0, 4), Z (1, -2)



X**´** ( , )

Y**´** ( , )

Z**´** ( , )

**3.** Figure FGHJ has the following coordinates.

F (-4 , 2) G (-4 , 4) H (1 , 4) J (-1 , -2)

Give the coordinates of the image of figure FGHJ if it is reflected across the:

**a)** y-axis **b)** x-axis

F**´** ( , ) G**´** ( , ) F**´** ( , ) G**´** ( , )

H**´** ( , ) J**´** ( , ) H**´** ( , ) J**´** ( , )