Transformations

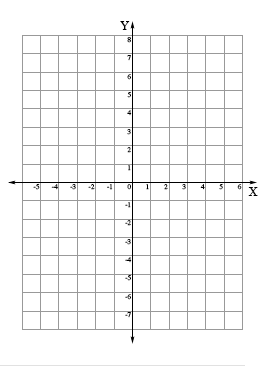
SOL 7.8

Vocabulary

Horizontal Axis:

Vertical Axis:

Origin:

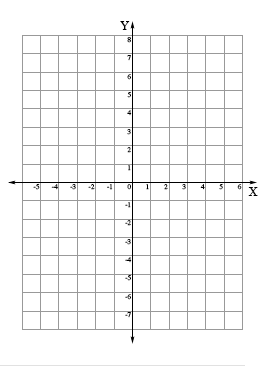


Reflect

Treat each axis as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Your

new figure should be the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

of the original one.



Rotate

To figure out which quadrant your figure will be in,

start where your figure is located. Then move to the

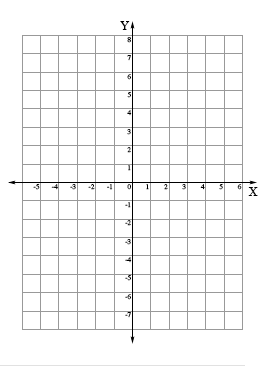
next quadrant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1 quadrant= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2 quadrants =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3 quadrants= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4 quadrants= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

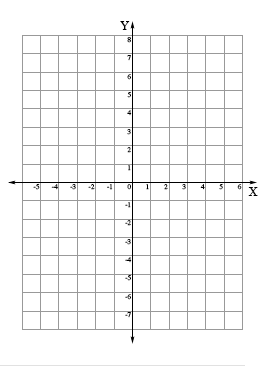
 Translate

(x-axis, y-axis)

(right or left, up or down)

(+ or -, + or-)

1. Right 4, down 1
2. Left 2, up 3
3. (1, -5)
4. (0, 3)



Dilate

1. Dilate 2.
2. Dilate ¼.