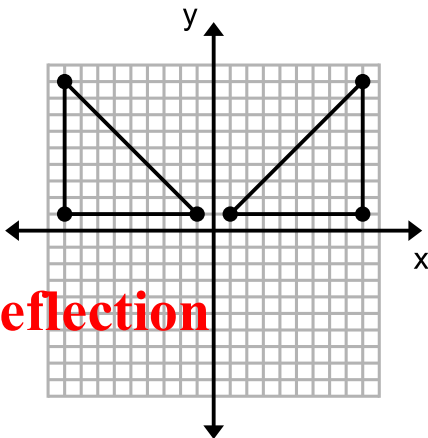


Practice Quiz- Transformations

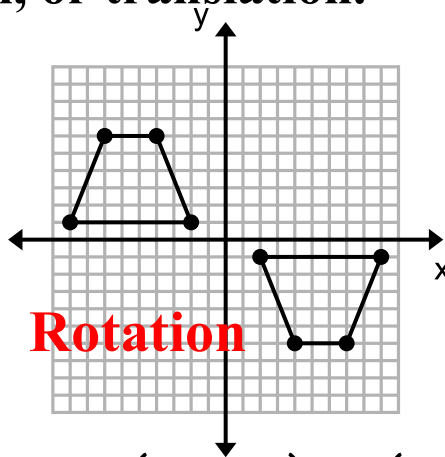
For questions 1-3 state whether the transformation shown is a dilation, rotation, reflection, or translation.

1.



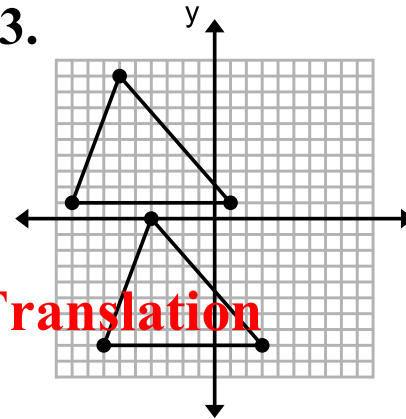
Reflection

2.



Rotation

3.



Translation

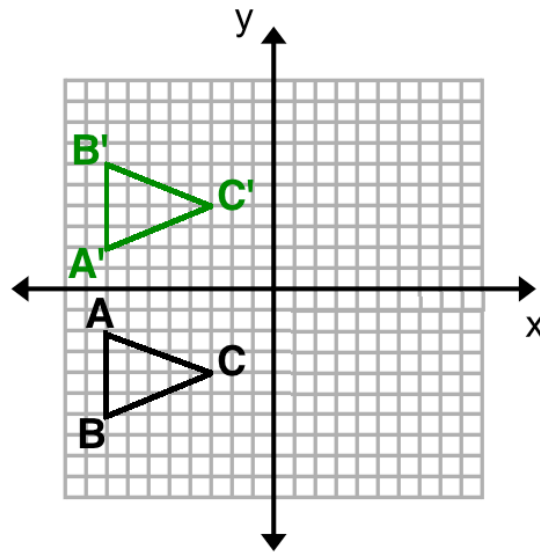
A triangle has the coordinates $A(-8, -2)$, $B(-8, -6)$, and $C(-3, -4)$. Give the new coordinates for the triangle if the following transformations were performed. Graph the pre-image and image.

4. Reflect across the x -axis

$$A'(-8, 2)$$

$$B'(-8, 6)$$

$$C'(-3, 4)$$



5. Translate $(x, y) \rightarrow (x + 7, y + 4)$

$$A'(-1, 2)$$

$$B'(-1, -2)$$

$$C'(4, 0)$$

