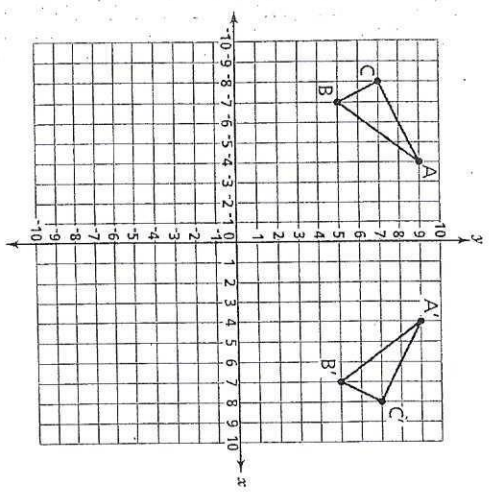


Name: _____

Reflections Homework

①

Triangle ABC and triangle A'B'C' are plotted on the coordinate plane below.



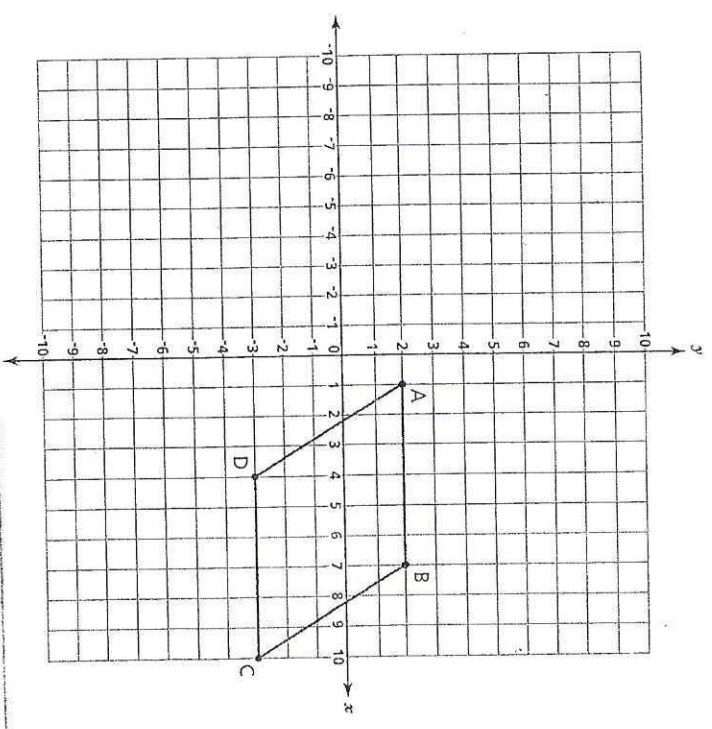
What is the name of the transformation applied to triangle ABC that resulted in triangle A'B'C'?

Answer _____

On the lines below, describe how the coordinates of point A changed to the coordinates of point A'.

②

Alexis started making a design by drawing figure ABCD. The next figure in her design is the reflection of figure ABCD in the y-axis. On the coordinate plane below, draw the reflection of figure ABCD. Label the image A'B'C'D'.

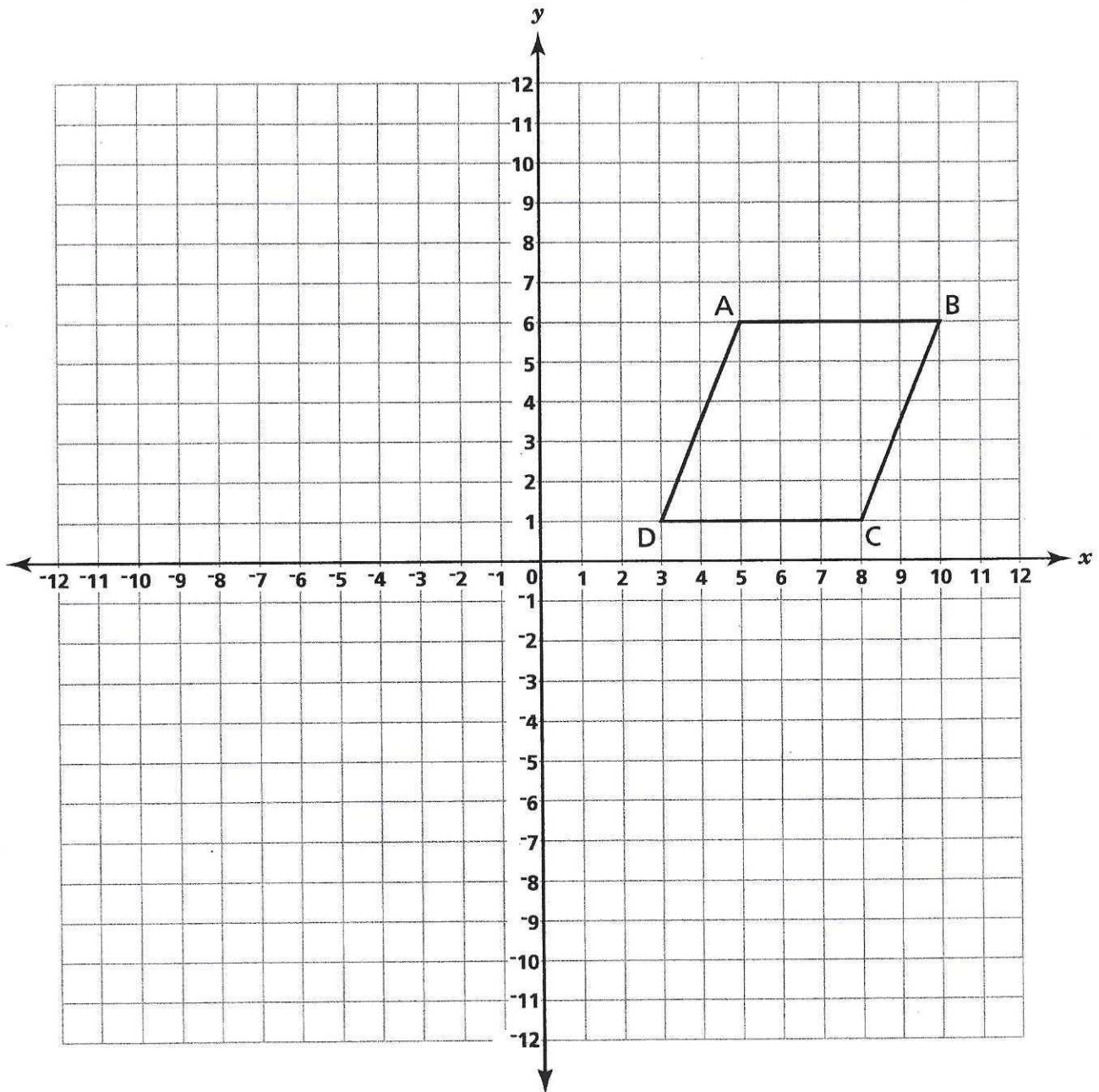


On the lines below, explain how you determined the location of B'.

OVER →

3

On the coordinate plane below, draw the image of quadrilateral ABCD reflected over the x -axis. Label the image $A'B'C'D'$.



On the lines below, explain how you determined the location of A' .
