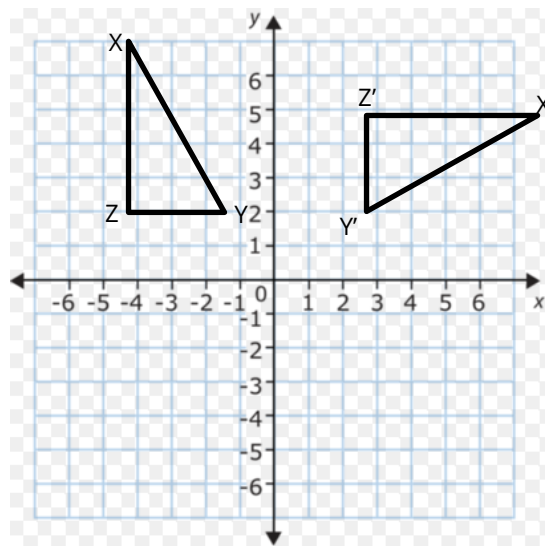


## Possible Solutions

$\Delta XZY$  has been transformed to create  $\Delta X'Z'Y'$ . Explain what type of transformation is represented and what properties of orientation or congruence are demonstrated?



### Possible Solution 1

- $\Delta X'Z'Y'$  is a rotation of  $\Delta XZY$ , because it is a rotation the shapes maintain orientation of vertices, but not orientation of the figure.

### Possible Solution 2

- $\Delta X'Z'Y'$  is a rotation of  $\Delta XZY$ , because it is a rotation, the shapes remain congruent.