Rigid Transformation
Reflection

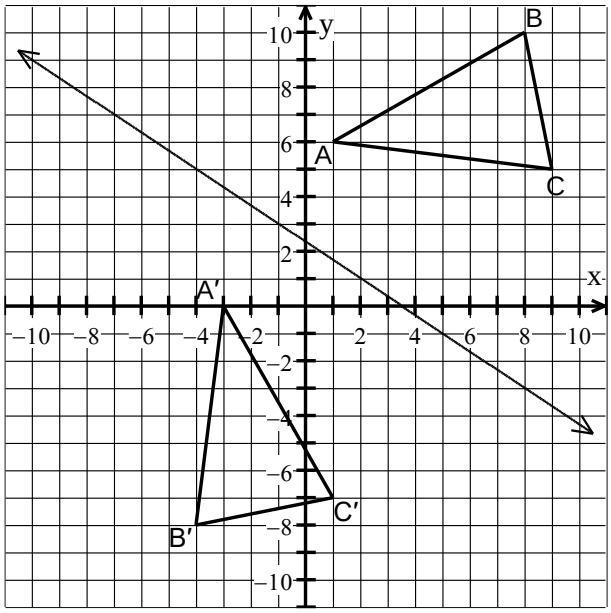
Rigid transformation: A movement that *preserves* the ***distance*** and ***angle measures*** of a shape. That is, it *preserves* the *size* and *shape* of the pre-image to the image.

Reflection: A transformation that _____ a set of points across a specific _____ _____ such that the line is the _____ of segments connecting corresponding points of the pre-image and image.

A reflection is specifically described by the _____.

Segments connecting corresponding points of the pre-image to image are:

- _____
- _____



Example: Reflect DABC across line *m* and list the new vertices.

A′ :_____

B′ :_____

C′ :_____