

Geometry CC – Mr. Valentino

Name: _____

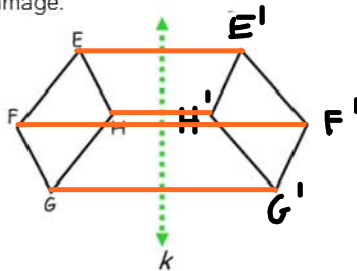
Unit 4 Lesson 3: Constructing the Line of Symmetry

Date: _____ Period: _____

Aim: How can we construct the line of symmetry?

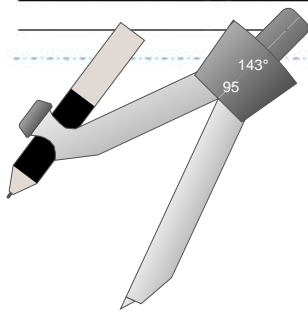
Do Now:

1. The following image shows the pre-image and image of a shape after it has been reflected over line k . Label the corresponding vertices in the image.

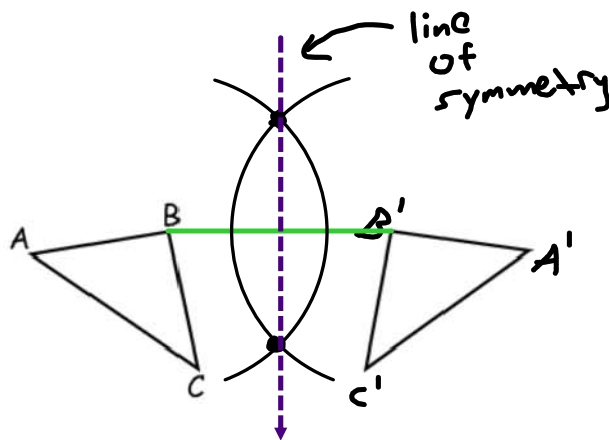


2. Connect the corresponding vertices with a line segment.

What do you notice about the relationship between each line segment you drew and the line of symmetry?

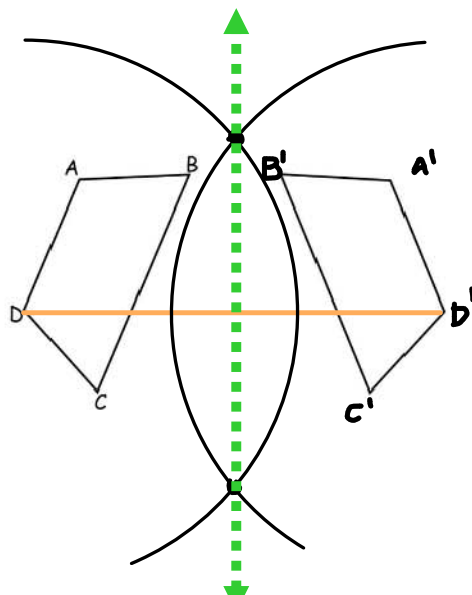


Constructing the line of symmetry



Time to...PRACTICE!

Every person in the group should construct the perpendicular bisector of a different pair of corresponding vertices. When you are all finished, see if your lines of symmetry match! You can hold all your papers up to the light to see.



Constructing a Reflected Image:

