

I will be able to:

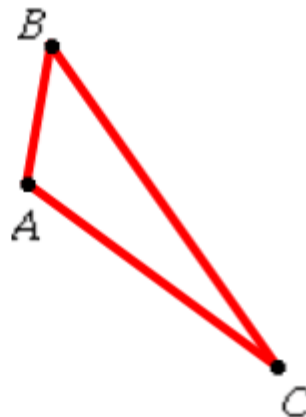
3.18 – Use construction tools to perform a given transformation

3.19 – Construct the relevant object for a single transformation that maps a preimage to its image

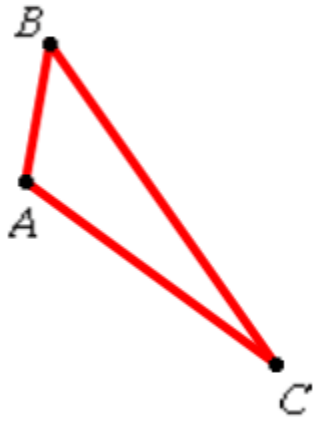
For each transformation identify the type of transformation that was used. Use construction to prove the transformation and identify those pieces from the list below. When you are finished with the construction generalize how the missing pieces can always be found given the image and the preimage. The bolded triangle ABC is the preimage.

- A. Translation
 - a. Vector
- B. Rotation
 - a. Center of rotation
 - b. Magnitude of rotation
- C. Dilation
 - a. Center of dilation
 - b. Magnitude of dilation
- D. Reflection
 - a. Line of reflection

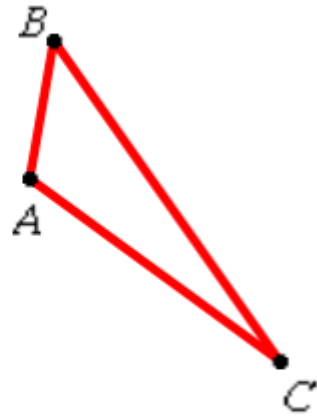
2.1



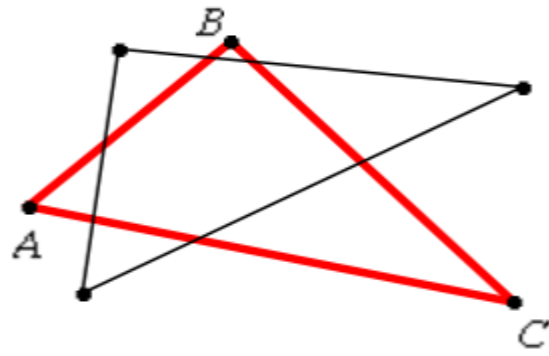
3.1



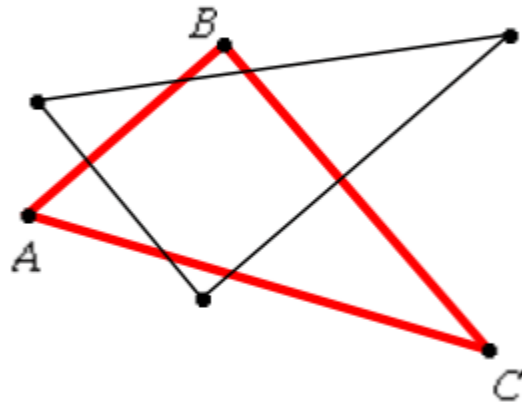
4.1



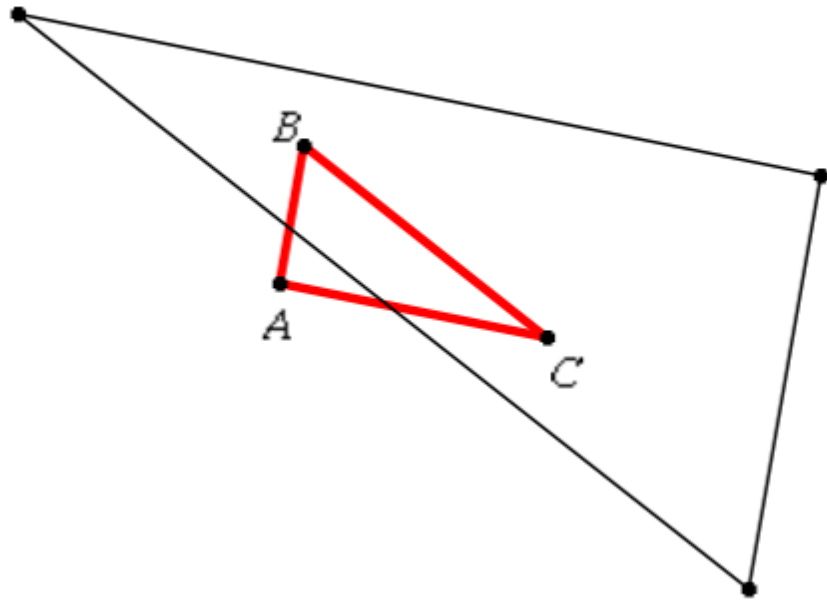
5.1



6.1



7.1



8.1

