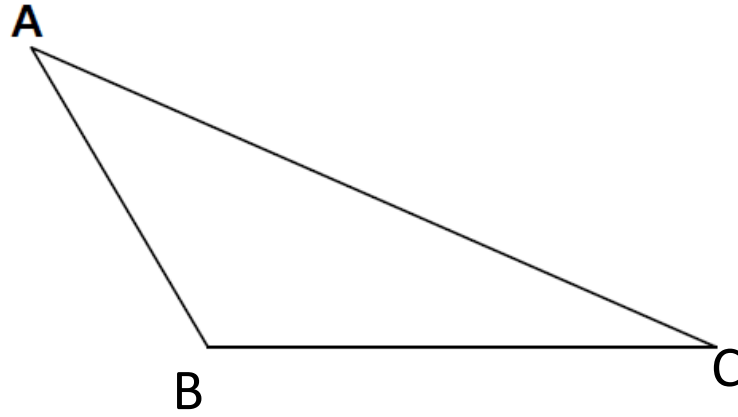


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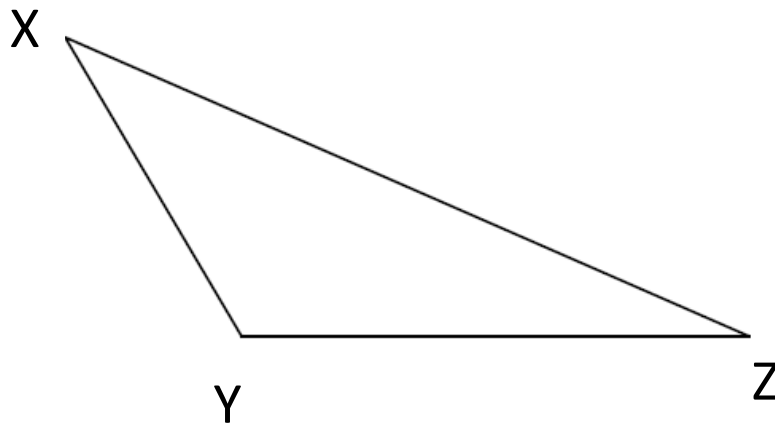
Date _____

Geometry HW Worksheet 3.5R / 3.8L

1. Construct two altitudes of $\triangle ABC$

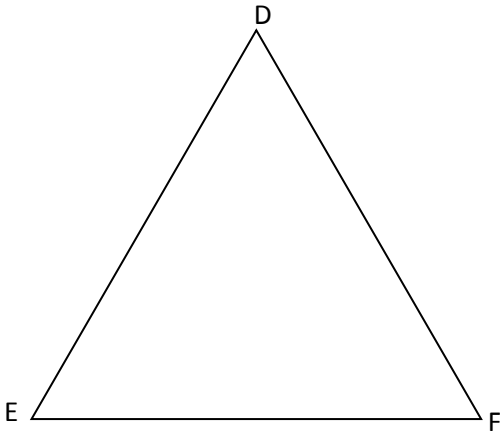


2. Construct two medians $\triangle XYZ$



3. Describe the similarities and /or differences between the constructions in problems #1 and 2.

4. a. Construct the altitude of $\triangle DEF$ from vertex D.
b. Construct the median $\triangle DEF$ from vertex D.



4c. Classify the triangle by its sides. What did you observe from the two constructions.

5. $\triangle ABC$ is to be reflected across *line k*. Using a compass and a straightedge construct the image $\triangle A'B'C'$. Show all construction lines.

