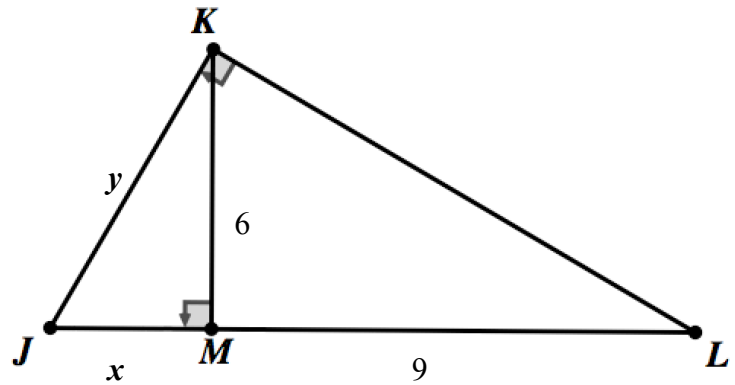


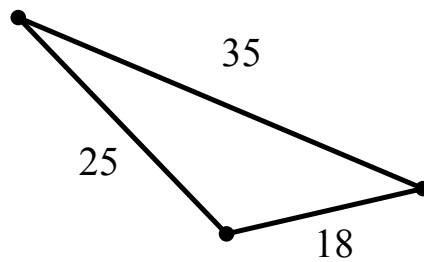
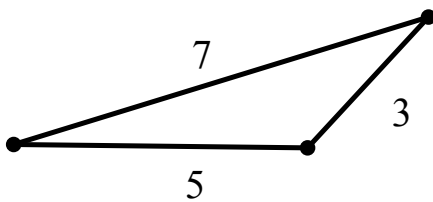
**Geometry – Similar Triangles**  
**6a Homework: Similar Triangles Review**

Name \_\_\_\_\_  
Period \_\_\_\_ Date \_\_\_\_\_

1. The diagram below contains THREE triangles, and all three triangles are similar to each other. Sketch the triangles separately (and label the vertices and side lengths) so that they do not overlap and then determine the value of  $x$  and  $y$ .



2. Are the following triangles similar? Explain why or why not.



3. Given that the following triangles are similar, solve for  $x$  and  $y$ .

