Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7.3 Triangle Similarity Homework

Identify the Similar triangles, how you know they are similar, find the variables and the measures of the indicated sides.

1. 2.



3. 4.

Write out three similarity statements and find all variables.

5.



6.



7.

8. Identify the similar triangles and find *x.*



\_\_\_\_\_\_\_\_\_\_\_\_

x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_