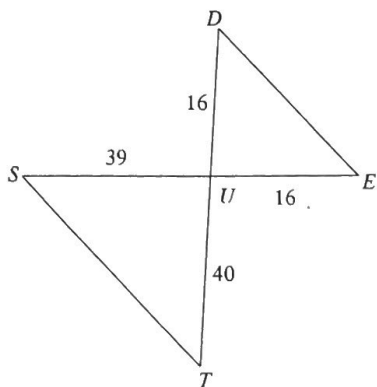


4.2 HW

Similar Triangles

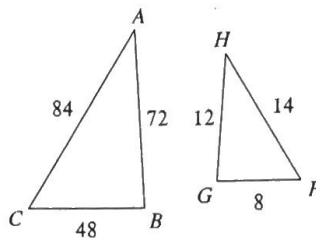
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

1)



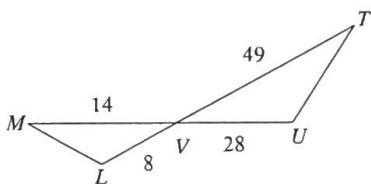
$\Delta UTS \sim$ _____

2)



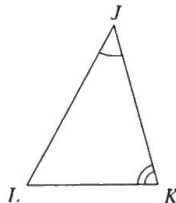
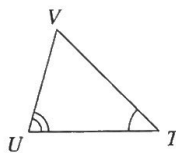
$\Delta CBA \sim$ _____

3)



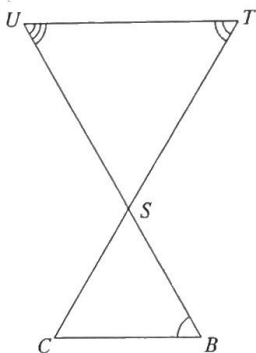
$\Delta VUT \sim$ _____

4)



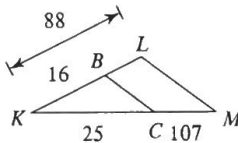
$\Delta JKL \sim$ _____

5)



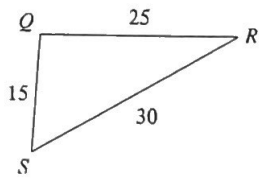
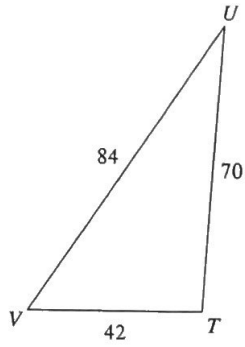
$\Delta STU \sim$ _____

6)



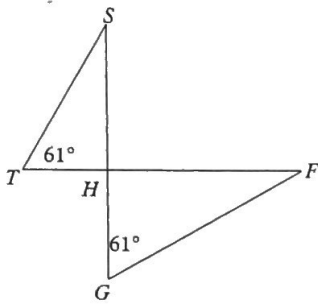
$\Delta KLM \sim$ _____

7)



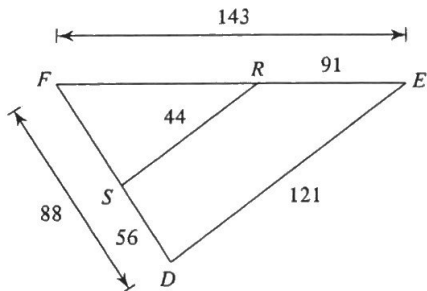
$\triangle TUV \sim \underline{\hspace{2cm}}$

9)



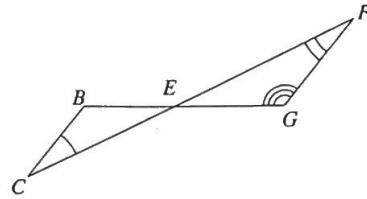
$\triangle HGF \sim \underline{\hspace{2cm}}$

11)



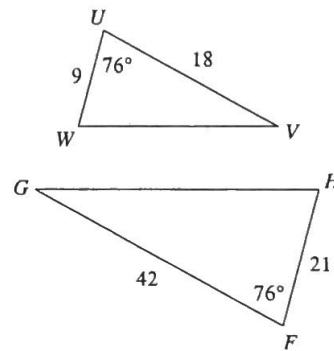
$\triangle FED \sim \underline{\hspace{2cm}}$

8)



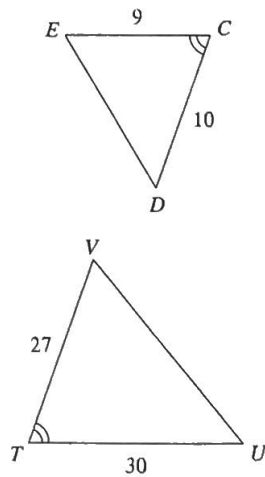
$\triangle EFG \sim \underline{\hspace{2cm}}$

10)



$\triangle FGH \sim \underline{\hspace{2cm}}$

12)



$\triangle TUV \sim \underline{\hspace{2cm}}$