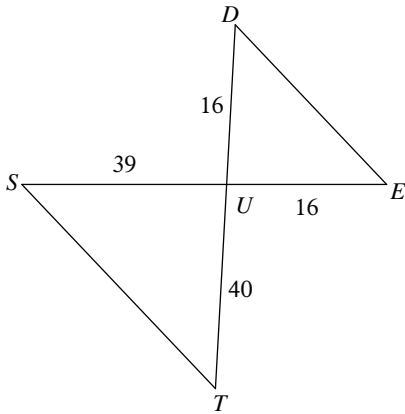


Similar Triangles

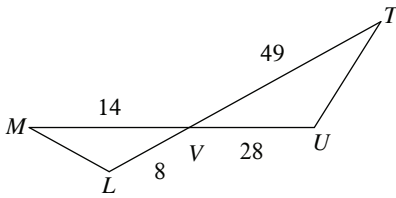
State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.

1)



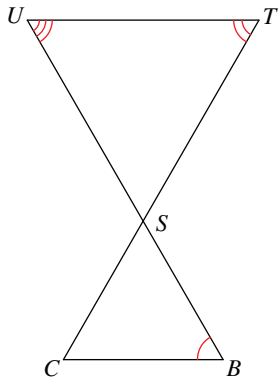
$\triangle UTS \sim$ _____

3)



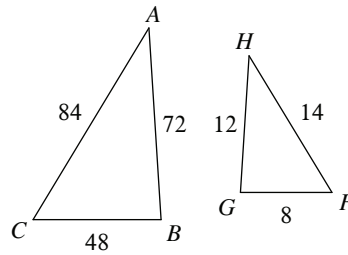
$\triangle VUT \sim$ _____

5)



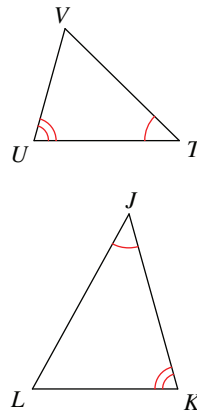
$\triangle STU \sim$ _____

2)



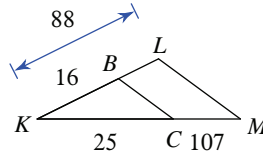
$\triangle CBA \sim$ _____

4)



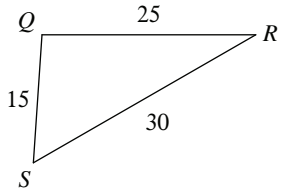
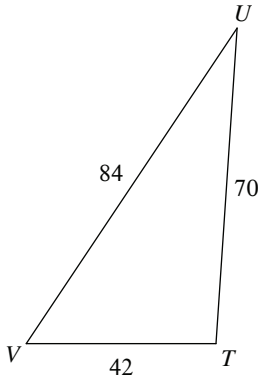
$\triangle JKL \sim$ _____

6)



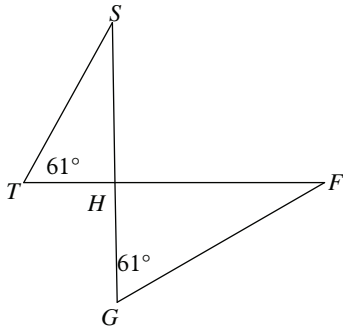
$\triangle KLM \sim$ _____

7)



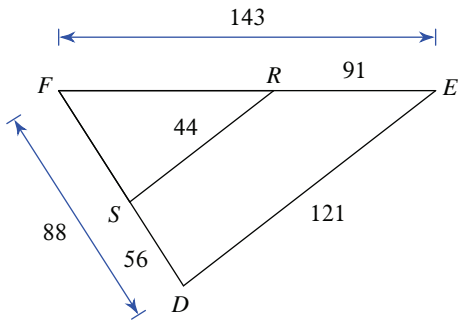
$\Delta TUV \sim$ _____

9)



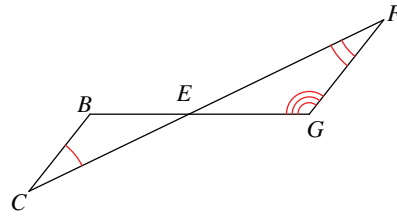
$\Delta HGF \sim$ _____

11)



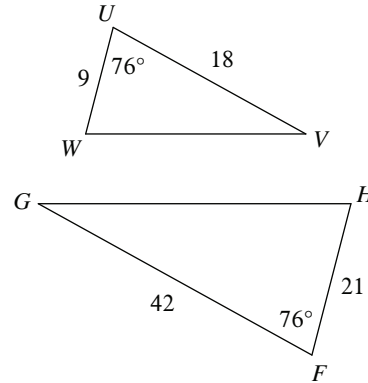
$\Delta FED \sim$ _____

8)



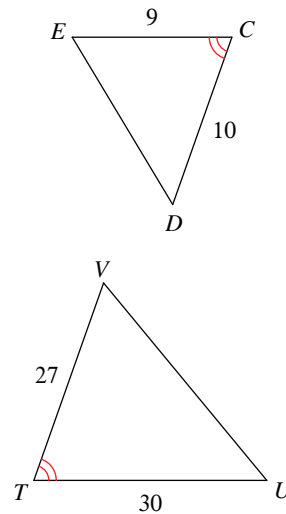
$\Delta EFG \sim$ _____

10)



$\Delta FGH \sim$ _____

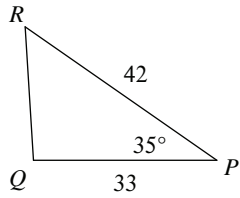
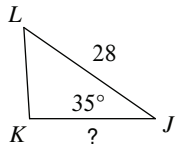
12)



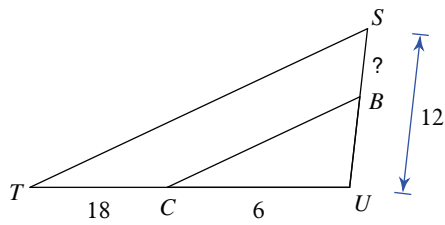
$\Delta TVU \sim$ _____

Find the missing length. The triangles in each pair are similar.

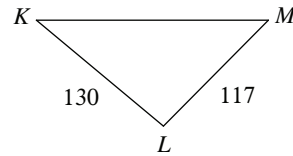
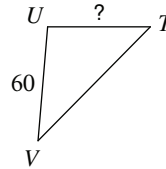
13)



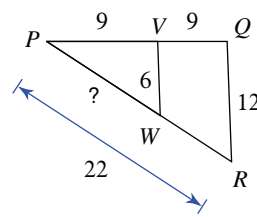
15)



14)

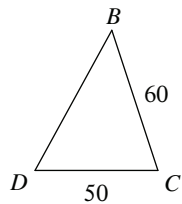
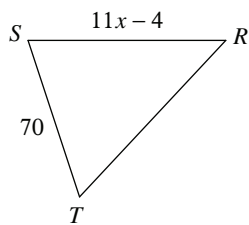


16)

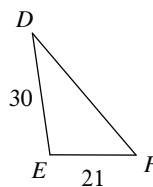
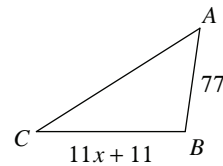


Solve for x . The triangles in each pair are similar.

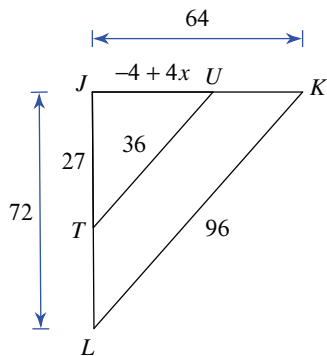
17)



18)



19)



20)

