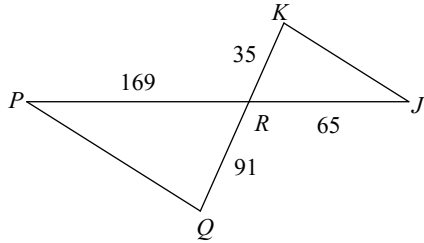


# Side Angle Side Similarity

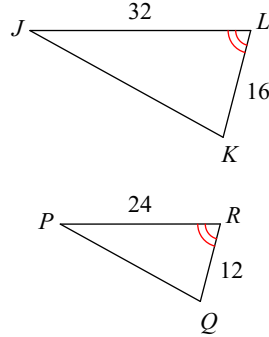
**State if the triangles in each pair are similar. If so, state how you know they are similar and complete the similarity statement.**

1)



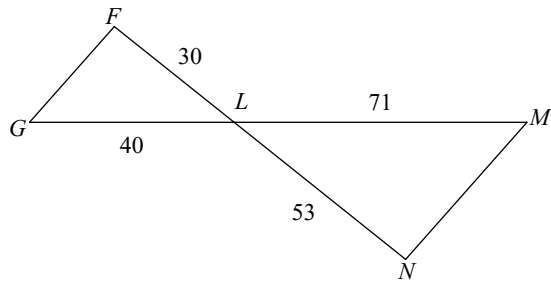
$\triangle RQP \sim$  \_\_\_\_\_

2)



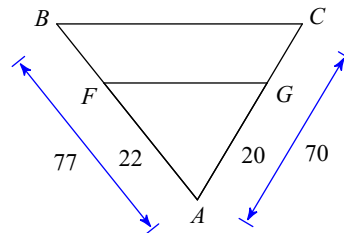
$\triangle LKJ \sim$  \_\_\_\_\_

3)



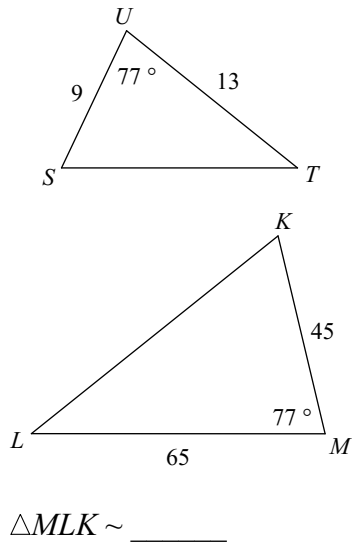
$\triangle LMN \sim$  \_\_\_\_\_

4)

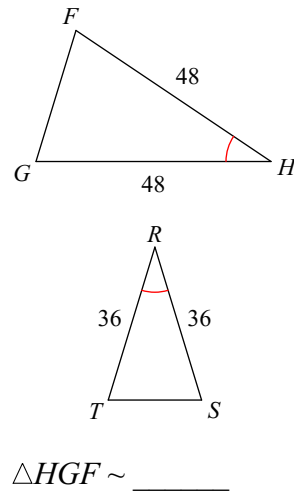


$\triangle ABC \sim$  \_\_\_\_\_

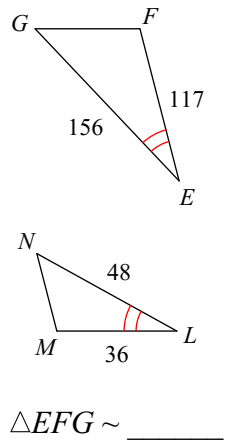
5)



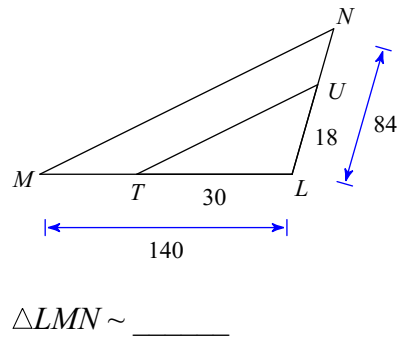
6)



7)



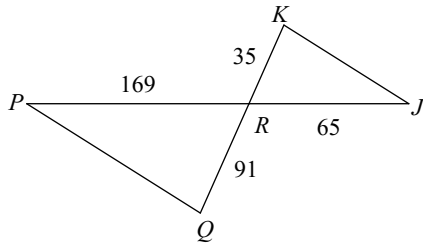
8)



# Side Angle Side Similarity

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

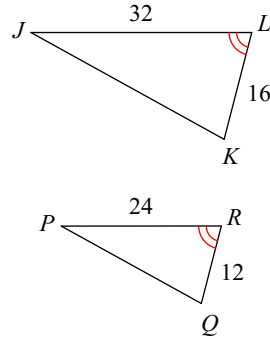
1)



$\triangle RQP \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle RKJ$

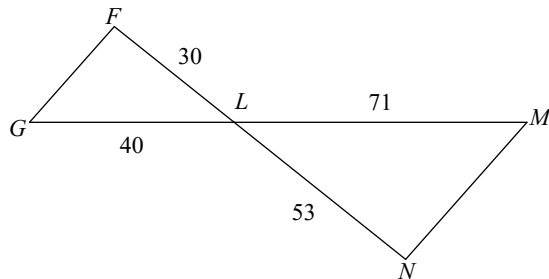
2)



$\triangle LKJ \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle RQP$

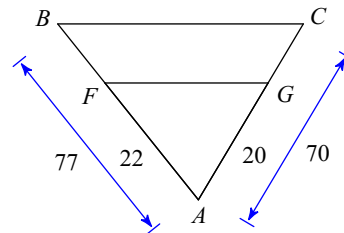
3)



$\triangle LMN \sim$  \_\_\_\_\_

not similar

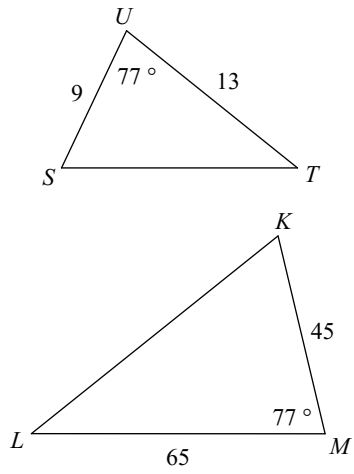
4)



$\triangle ABC \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle AFG$

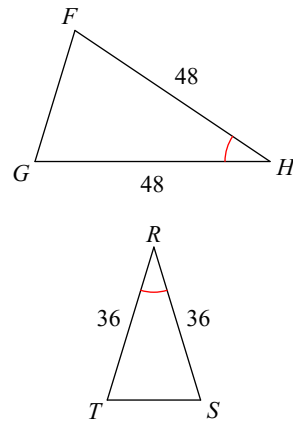
5)



$\triangle MLK \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle UTS$

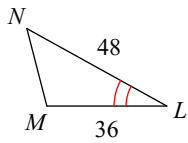
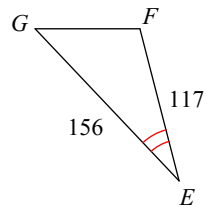
6)



$\triangle HGF \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle RST$

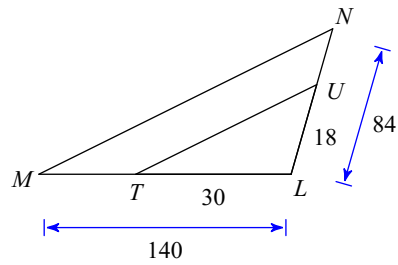
7)



$\triangle EFG \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle LMN$

8)



$\triangle LMN \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle LTU$