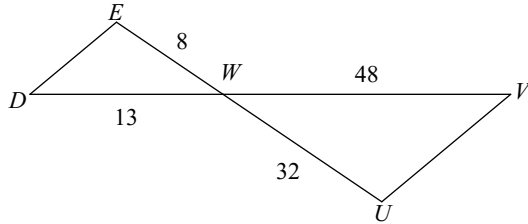


3.3 - Practice

Decide if the triangles in each pair are similar.

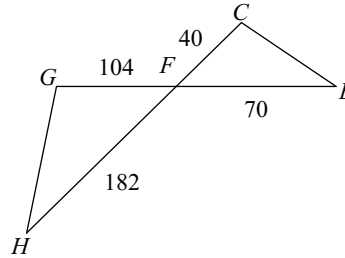
If so, state how you know they are similar by SSS~, SAS~, or AA~. Show all work.

1)



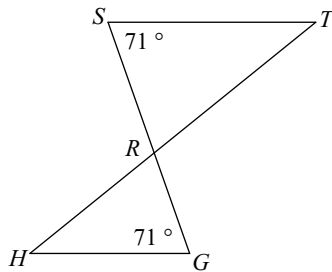
$\triangle WVU \sim$ _____
 not similar

2)



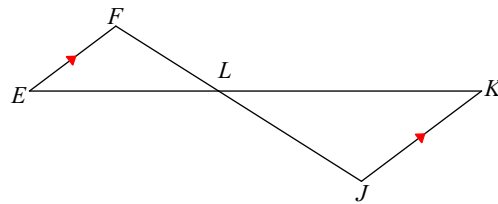
$\triangle FGH \sim$ _____
 similar; SAS similarity; $\triangle FCB$

3)



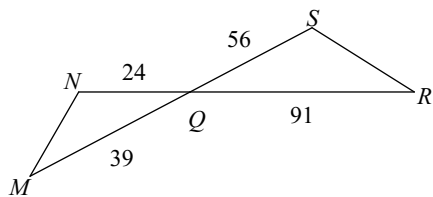
$\triangle RST \sim$ _____
 similar; AA similarity; $\triangle RGH$

4)



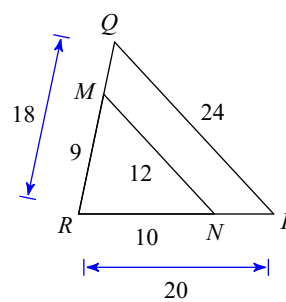
$\triangle LKJ \sim$ _____
 similar; AA similarity; $\triangle LEF$

5)



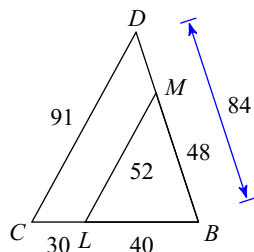
$\triangle QRS \sim$ _____
 similar; SAS similarity; $\triangle QMN$

6)



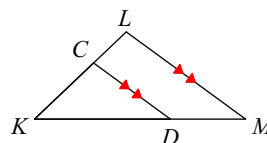
$\triangle RQP \sim$ _____
 similar; SSS similarity; $\triangle RMN$

7)



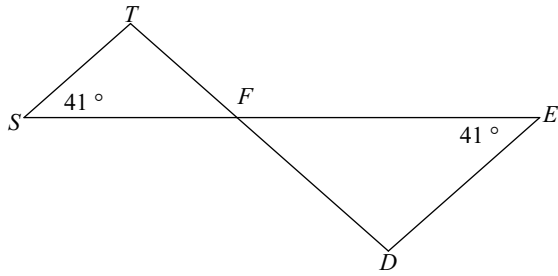
$\triangle BCD \sim$ _____
 similar; SSS similarity; $\triangle BLM$

8)



$\triangle KLM \sim$ _____
 similar; AA similarity; $\triangle KCD$

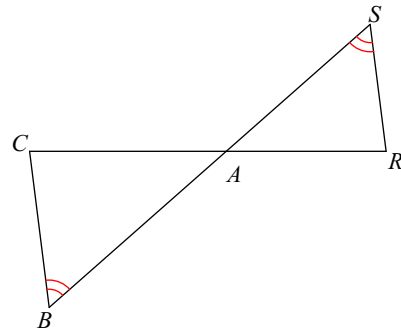
9)



$\triangle FED \sim$ _____

similar; AA similarity; $\triangle FST$

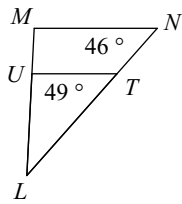
10)



$\triangle ABC \sim$ _____

similar; AA similarity; $\triangle ASR$

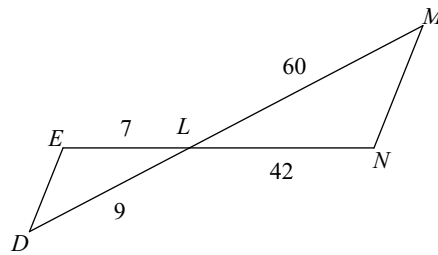
11)



$\triangle LMN \sim$ _____

not similar

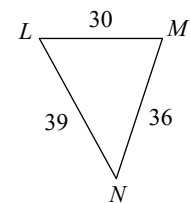
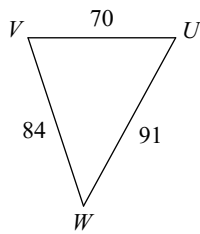
12)



$\triangle LMN \sim$ _____

not similar

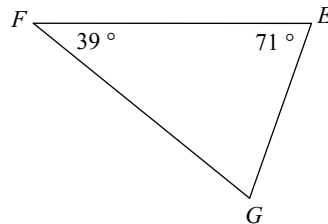
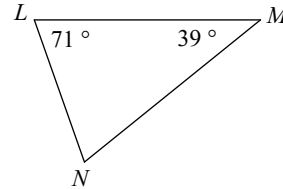
13)



$\triangle UVW \sim$ _____

similar; SSS similarity; $\triangle LMN$

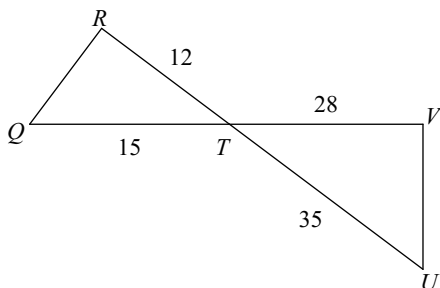
14)



$\triangle EFG \sim$ _____

similar; AA similarity; $\triangle LMN$

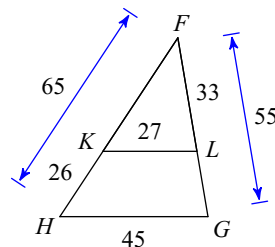
15)



$\triangle TUV \sim$ _____

similar; SAS similarity; $\triangle TQR$

16)



$\triangle FGH \sim$ _____

similar; SSS similarity; $\triangle FLK$