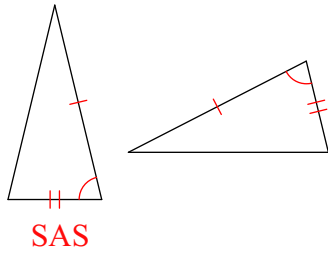


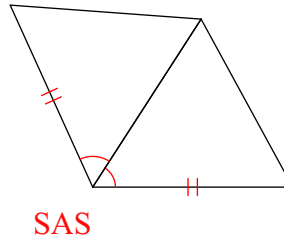
# Assignment

State if the two triangles are congruent. If they are, state how you know.

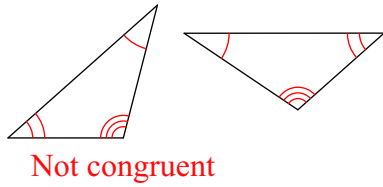
1)



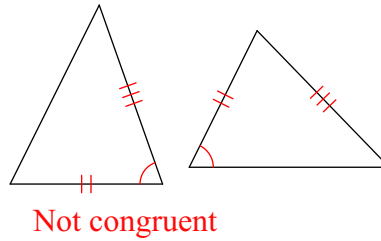
2)



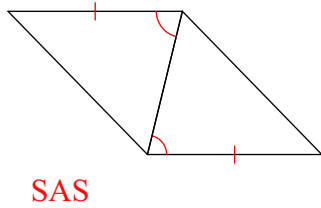
3)



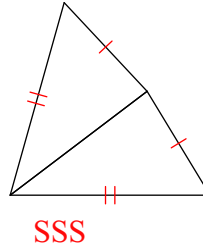
4)



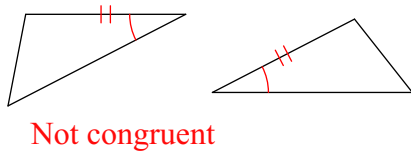
5)



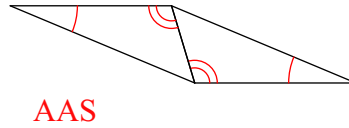
6)



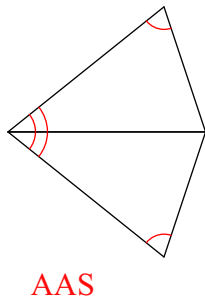
7)



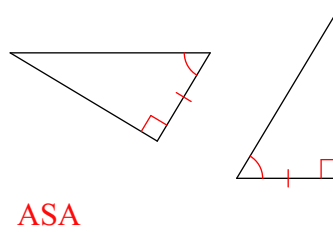
8)



9)

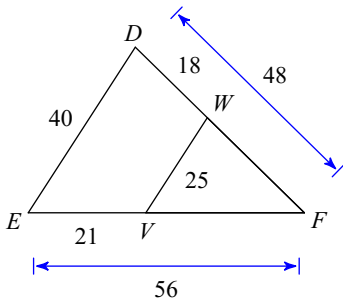


10)



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

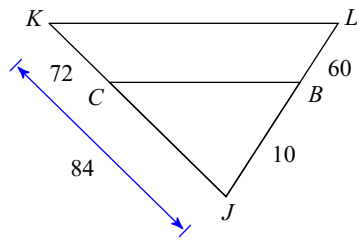
11)



$\triangle FED \sim$  \_\_\_\_\_

similar; SSS and SAS similarity;  $\triangle FVW$

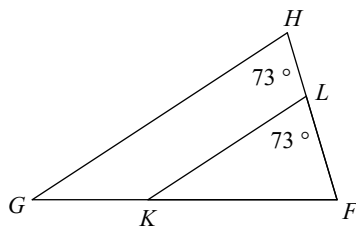
12)



$\triangle JKL \sim$  \_\_\_\_\_

similar; SAS similarity;  $\triangle JCB$

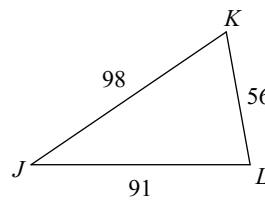
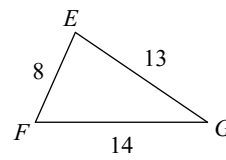
13)



$\triangle FGH \sim$  \_\_\_\_\_

similar; AA similarity;  $\triangle FKL$

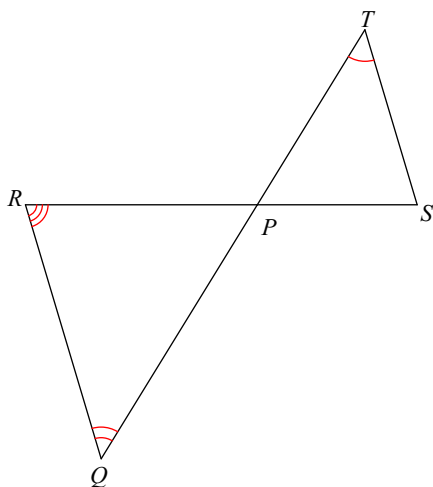
14)



$\triangle JKL \sim$  \_\_\_\_\_

similar; SSS similarity;  $\triangle GFE$

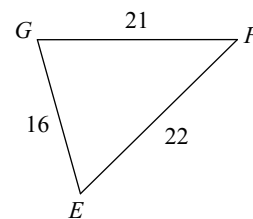
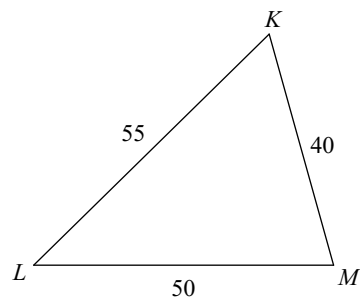
15)



$\triangle PQR \sim$  \_\_\_\_\_

not similar

16)



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

not similar