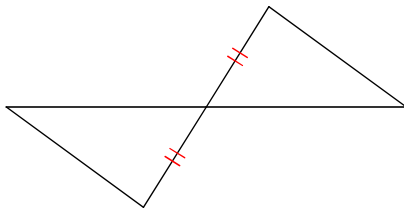


Assignment

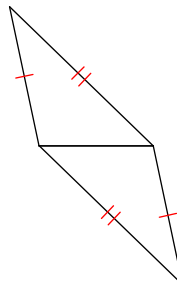
State if each pair of triangles can be proven congruent based on the info shown. If congruent, state the postulate or theorem used to prove their congruency (SSS, SAS, ASA, AAS, or HL).

1)



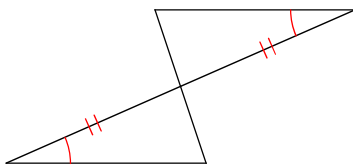
Not congruent

2)



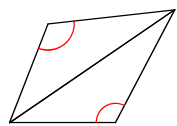
SSS

3)



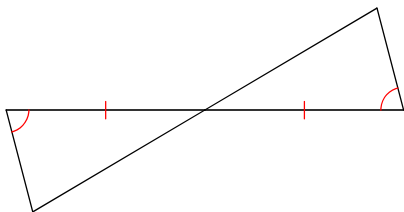
ASA

4)



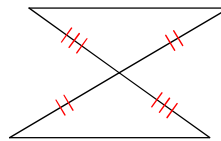
Not congruent

5)



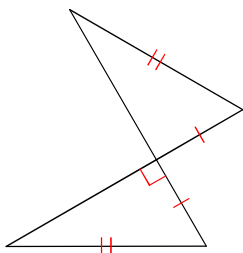
ASA

6)



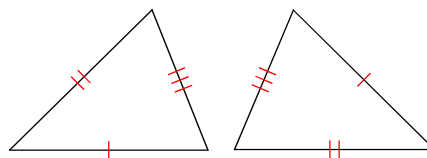
SAS

7)



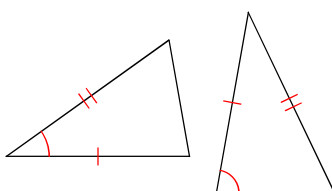
HL

8)



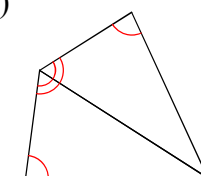
SSS

9)



Not congruent

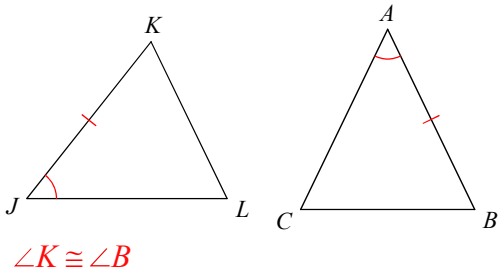
10)



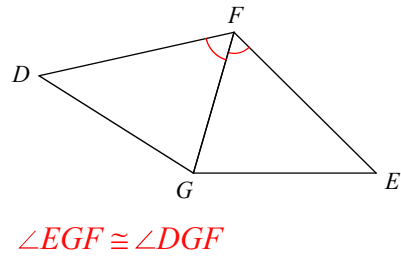
AAS

State what additional information is needed in order to know that the triangles are congruent for the reason given.

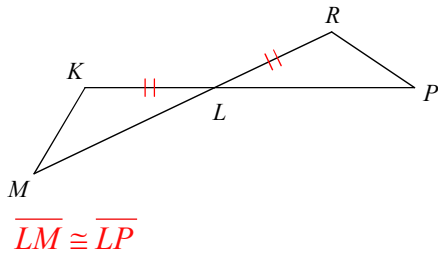
11) ASA



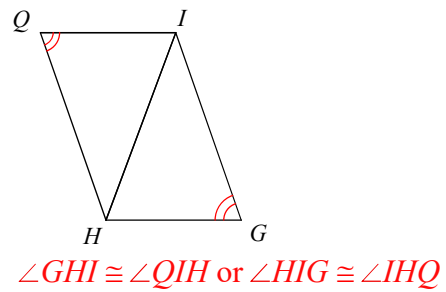
12) ASA



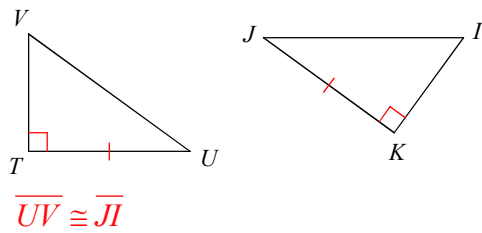
13) SAS



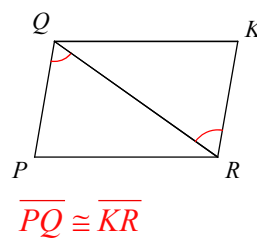
14) AAS



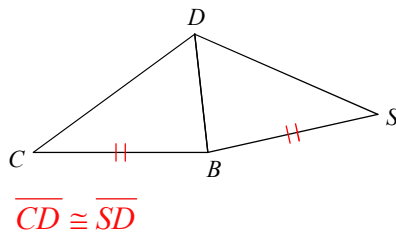
15) HL



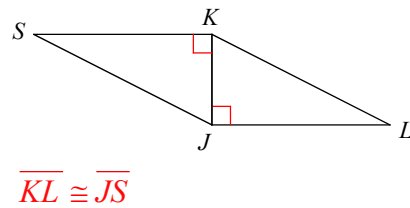
16) SAS



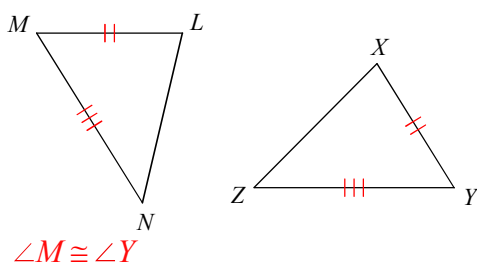
17) SSS



18) HL



19) SAS



20) AAS

