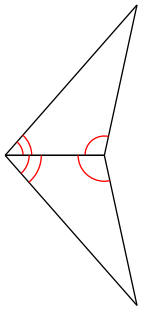
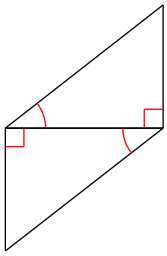
ASA and AAS Congruence

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

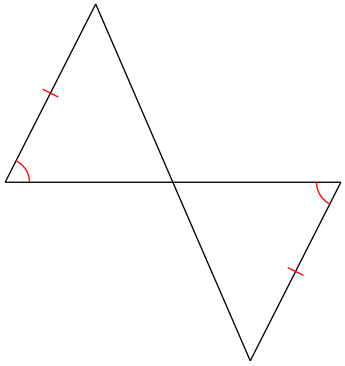
1)



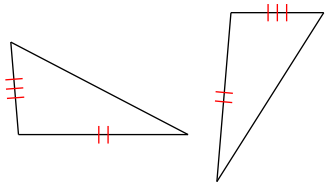
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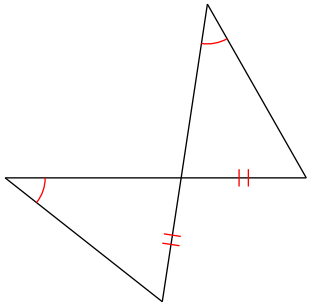
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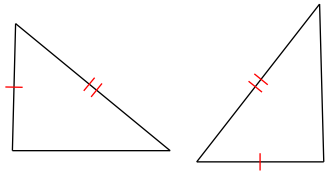
4)



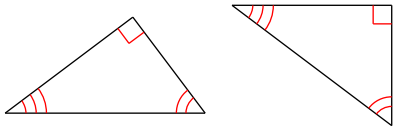
5)



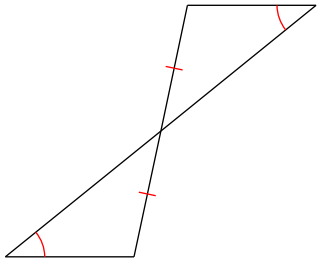
6)



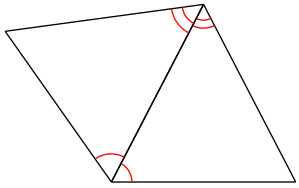
7)



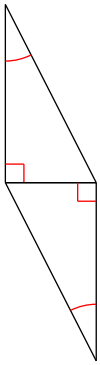
8)



9)

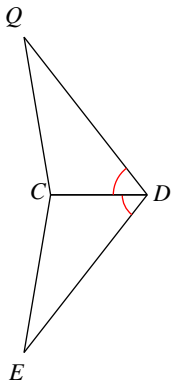


10)

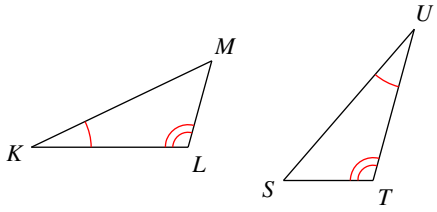


State what additional information is required in order to know that the triangles are congruent for the reason given.

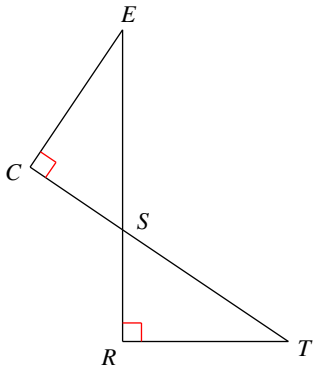
11) ASA



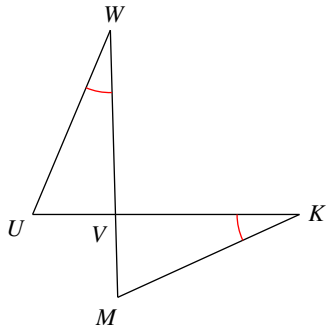
12) ASA



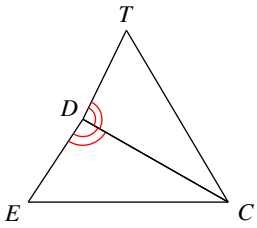
13) ASA



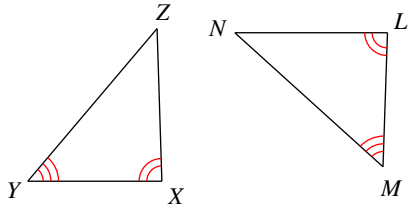
14) ASA



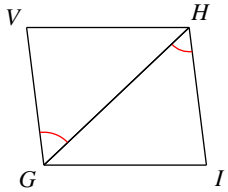
15) AAS



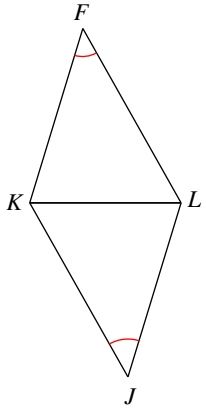
16) AAS



17) ASA



18) AAS



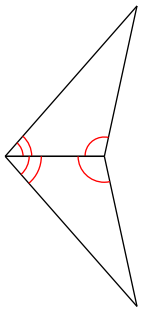
 Name_____

ASA and AAS Congruence

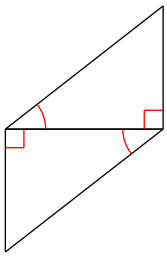
Date_____ Period____

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

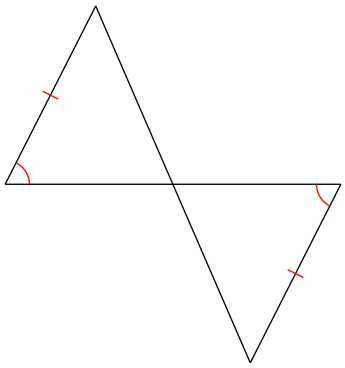
1) ASA



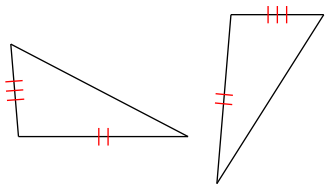
2) ASA



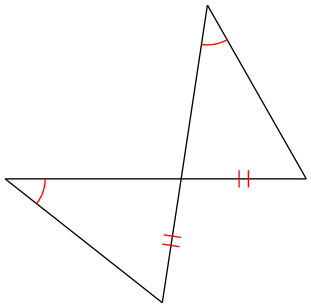
3) AAS



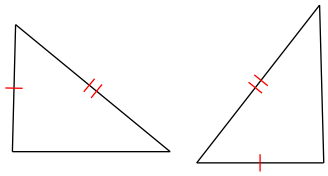
4) Not congruent



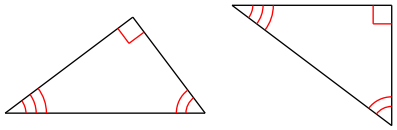
5) AAS



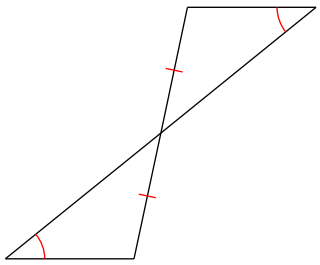
6) Not congruent



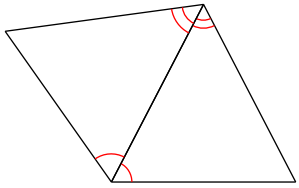
7) Not congruent



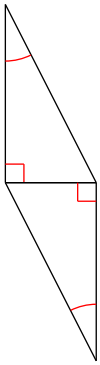
8) AAS



9) ASA

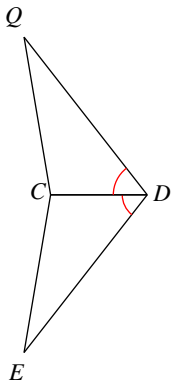


10) ASA

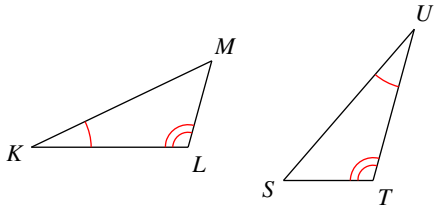


State what additional information is required in order to know that the triangles are congruent for the reason given.

11) ASA $\angle ECD \cong \angle QCD$

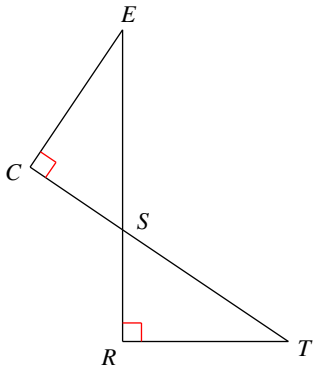


12) ASA

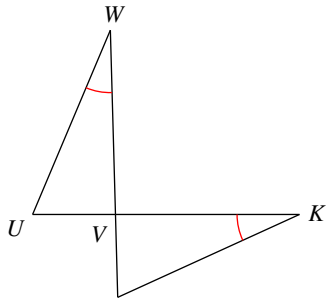


$\overline{KL} \cong \overline{UT}$

13) ASA $\overline{RS} \cong \overline{CS}$ or $\overline{TR} \cong \overline{EC}$

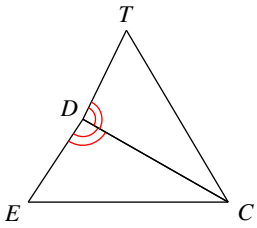


14) ASA



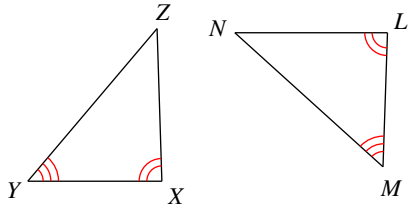
$\overline{WV} \cong \overline{KV}$

15) AAS



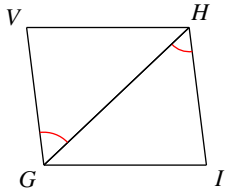
$\angle E \cong \angle T$

16) AAS



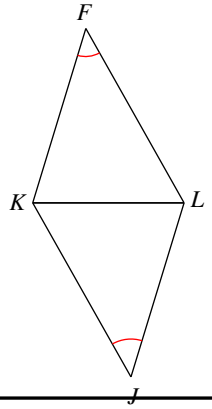
$\overline{YZ} \cong \overline{MN}$ or $\overline{ZX} \cong \overline{NL}$

17) ASA



$\angle IGH \cong \angle VHG$

18) AAS



$\angle JKL \cong \angle FLK$ or $\angle KLJ \cong \angle LKF$

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