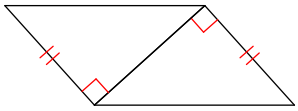
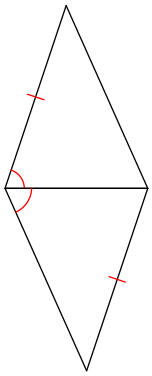
SSS and SAS Congruence

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

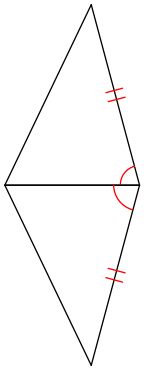
1)



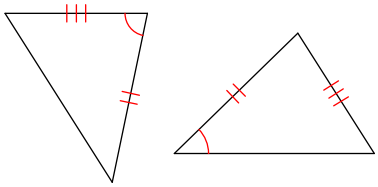
2)



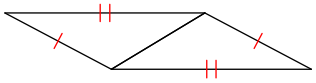
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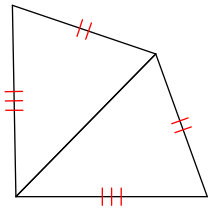
4)



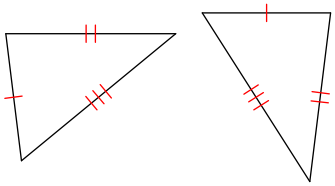
5)



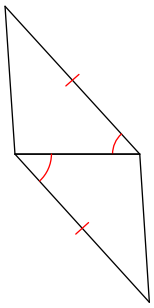
6)



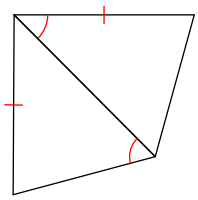
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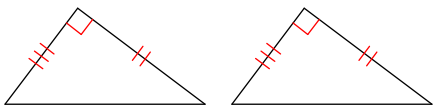
8)



9)

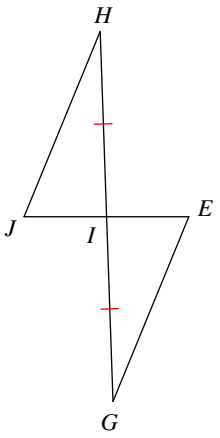


10)

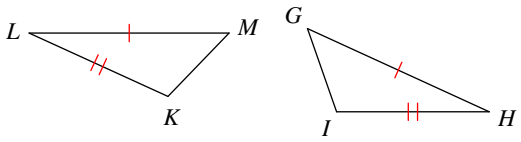


State what additional information is required in order to know that the triangles are congruent for the reason given.

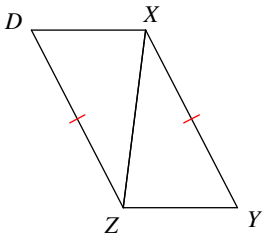
11) SAS



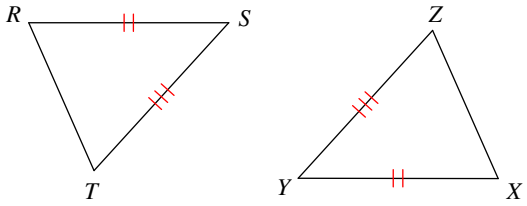
12) SAS



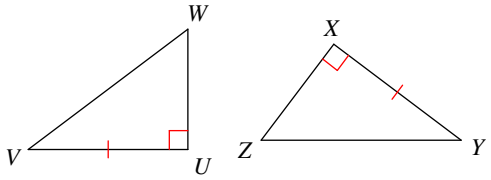
13) SSS



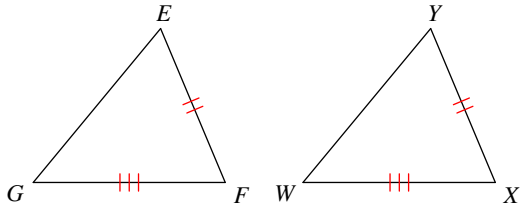
14) SSS



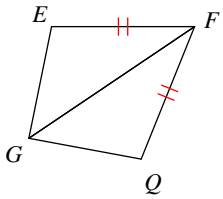
15) SAS



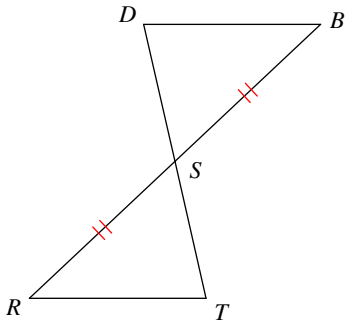
16) SSS



17) SAS



18) SAS



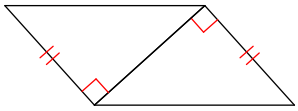
Kuta Software - Infinite Geometry Name_____

SSS and SAS Congruence

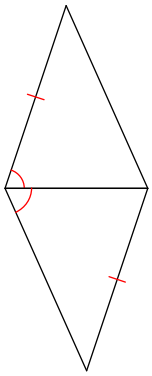
Date_____ Period____

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

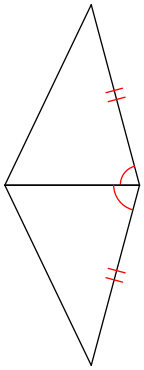
1) SAS



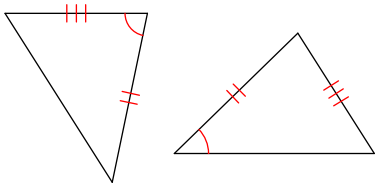
2) Not congruent



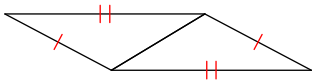
3) SAS



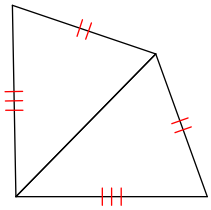
4) Not congruent



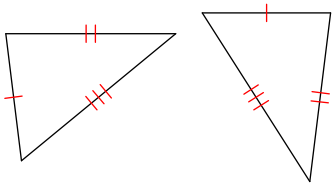
5) SSS



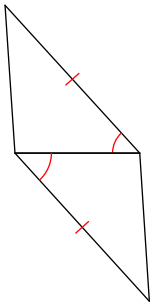
6) SSS



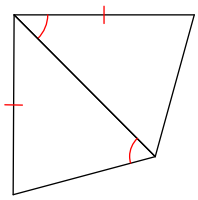
7) SSS



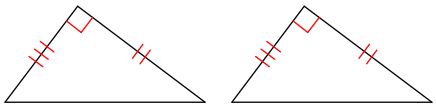
8) SAS



9) Not congruent

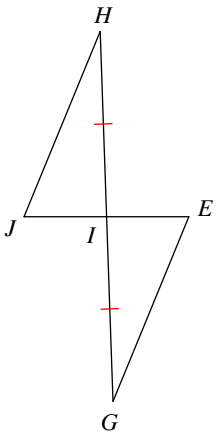


10) SAS

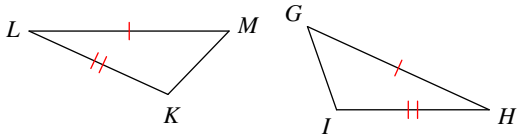


State what additional information is required in order to know that the triangles are congruent for the reason given.

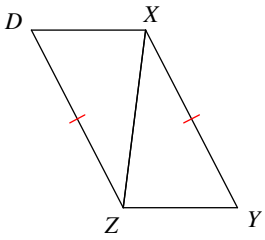
11) SAS $\overline{IJ} \cong \overline{IE}$



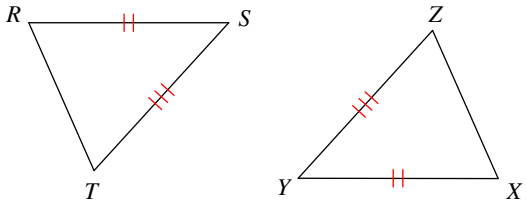
12) SAS $\angle L \cong \angle H$



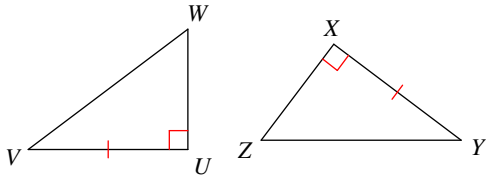
13) SSS $\overline{YZ} \cong \overline{DX}$



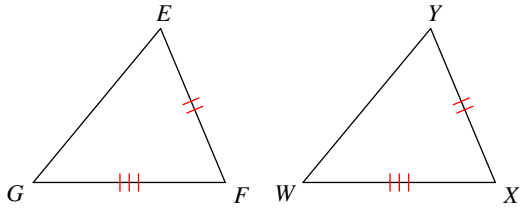
14) SSS $\overline{TR} \cong \overline{ZX}$



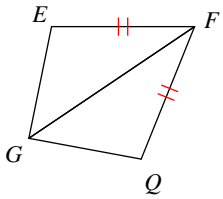
15) SAS $\overline{WU} \cong \overline{ZX}$



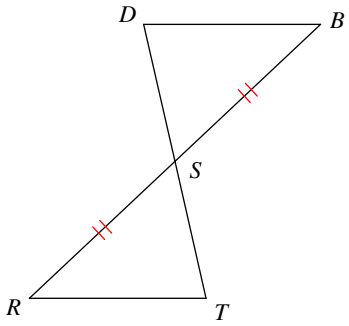
16) SSS $\overline{GE} \cong \overline{WY}$



17) SAS $\angle EFG \cong \angle QFG$



18) SAS $\overline{ST} \cong \overline{SD}$



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