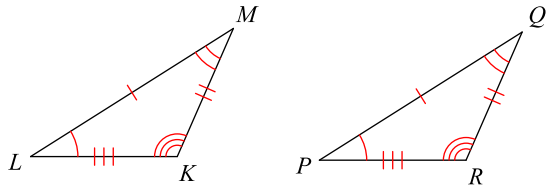


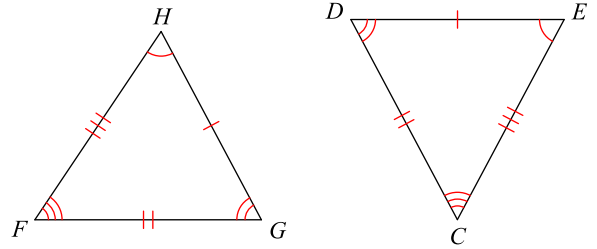
Unit 1B - Day 4 CW/HW

Write a statement that indicates that the triangles in each pair are congruent.

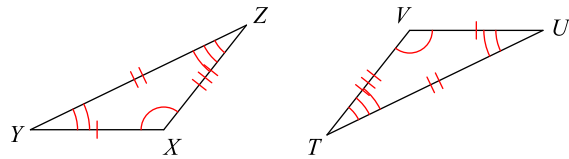
1)



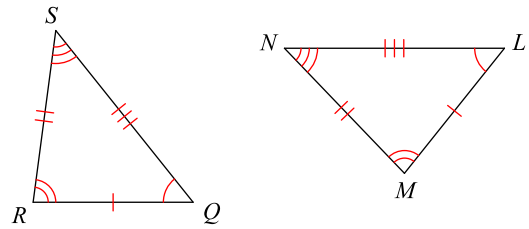
2)



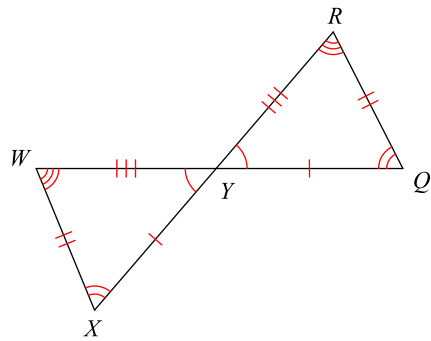
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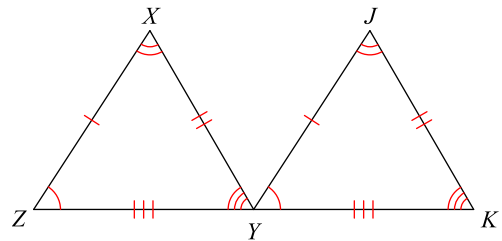
4)



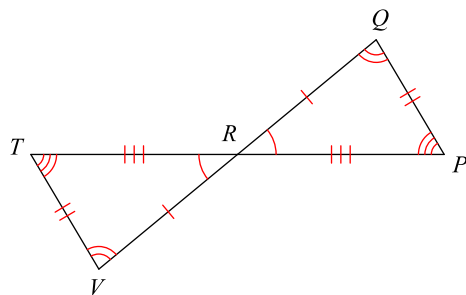
5)



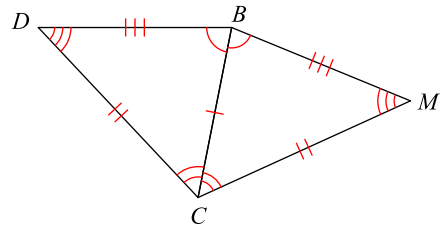
6)



7)

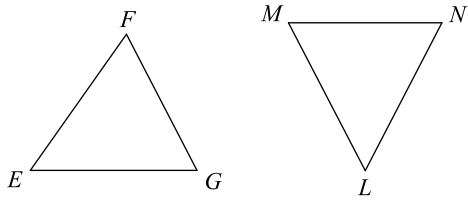


8)

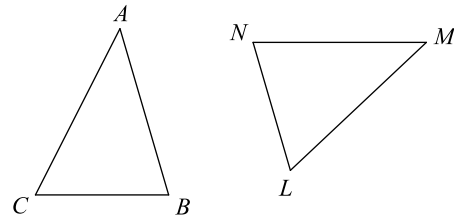


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

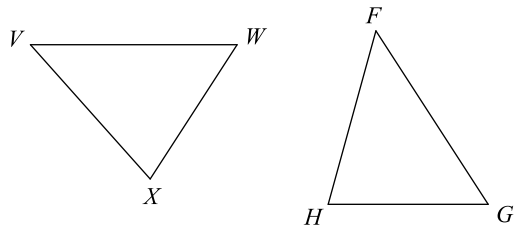
9) $\triangle EFG \cong \triangle LNM$



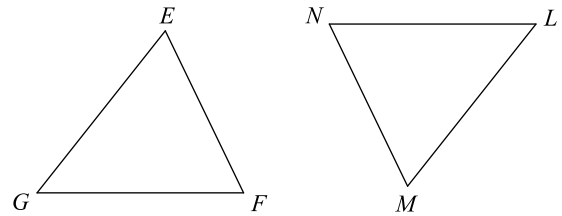
10) $\triangle ABC \cong \triangle MNL$



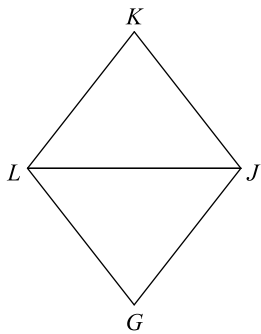
11) $\triangle VWX \cong \triangle FGH$



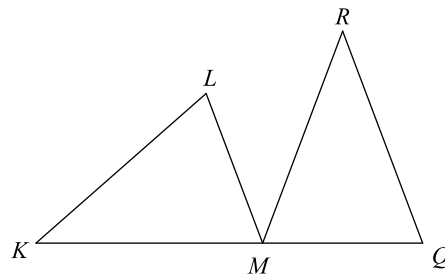
12) $\triangle EFG \cong \triangle NML$



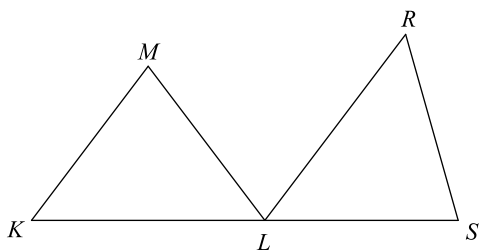
13) $\triangle JLK \cong \triangle JLG$



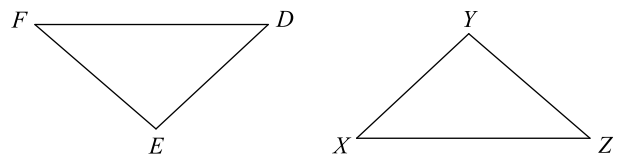
14) $\triangle KLM \cong \triangle RQM$



15) $\triangle KML \cong \triangle RSL$

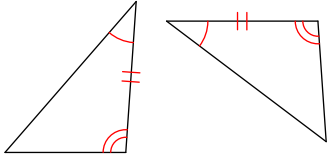


16) $\triangle DEF \cong \triangle XYZ$

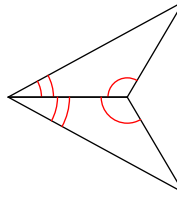


State if the two triangles are congruent. If they are, state how you know.

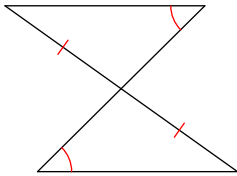
17)



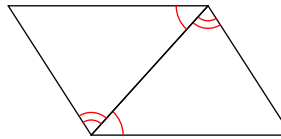
18)



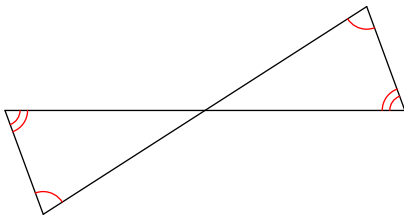
19)



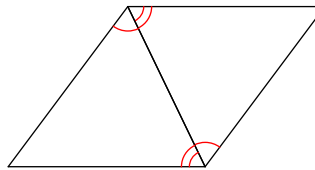
20)



21)

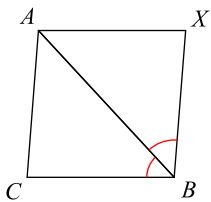


22)

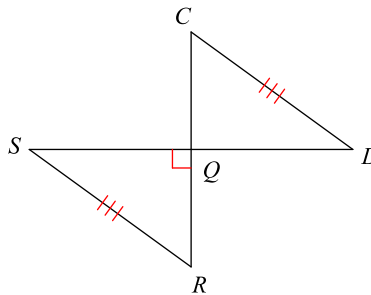


State what additional information is required in order to know that the triangles are congruent for the reason given.

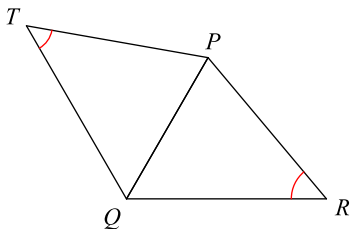
23) ASA



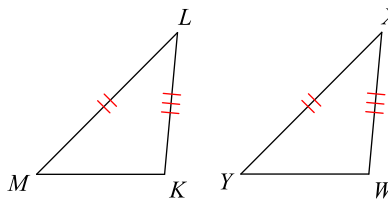
24) HL



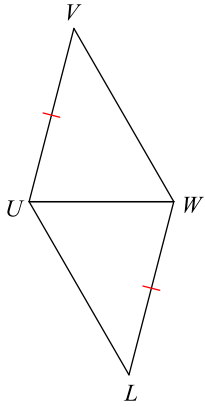
25) AAS



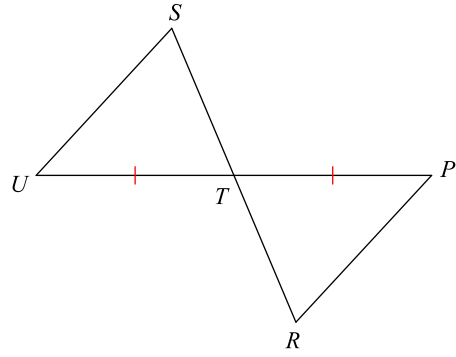
26) SAS



27) SSS

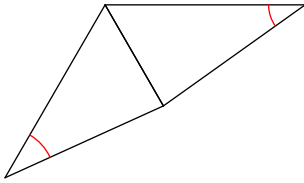


28) AAS

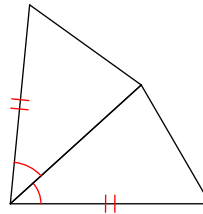


State if the two triangles are congruent. If they are, state how you know.

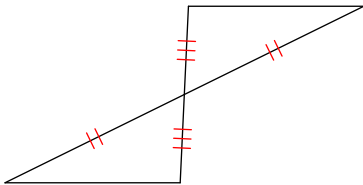
29)



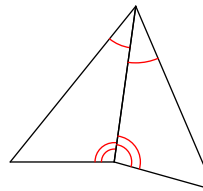
30)



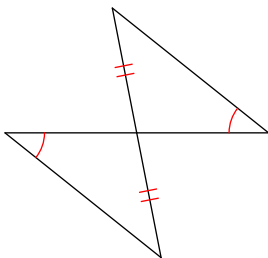
31)



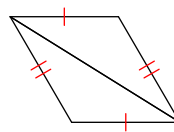
32)



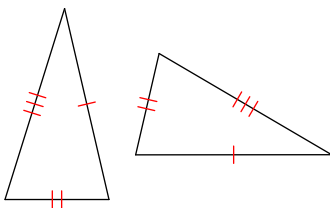
33)



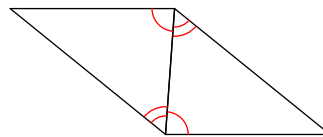
34)



35)



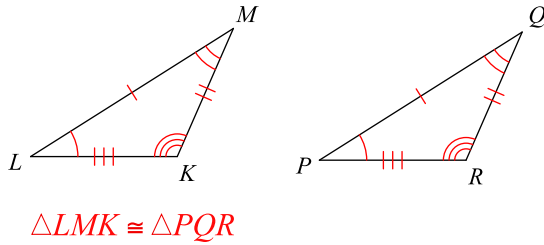
36)



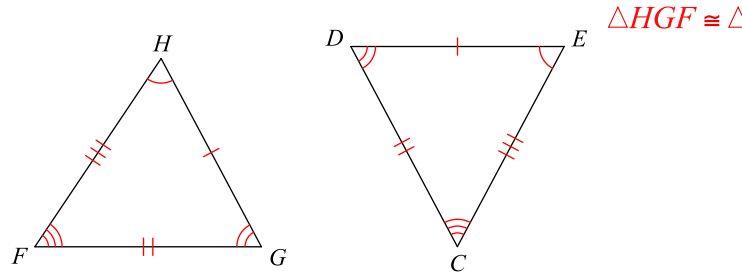
Unit 1B - Day 4 CW/HW

Write a statement that indicates that the triangles in each pair are congruent.

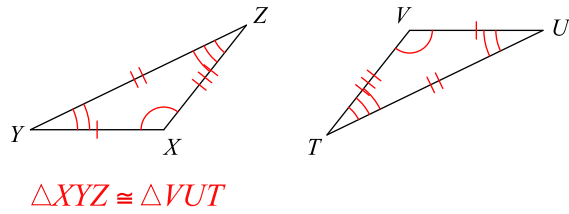
1)



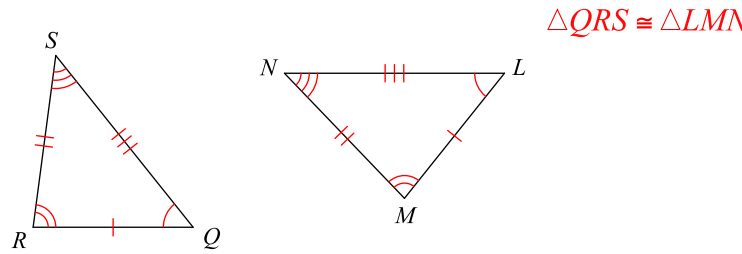
2)



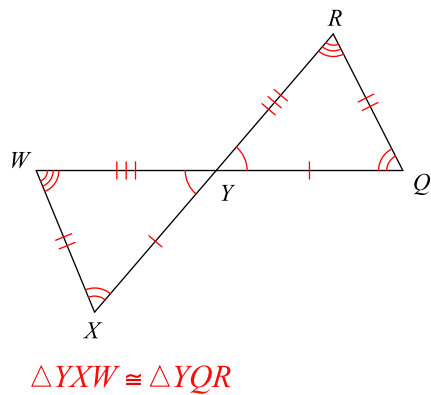
3)



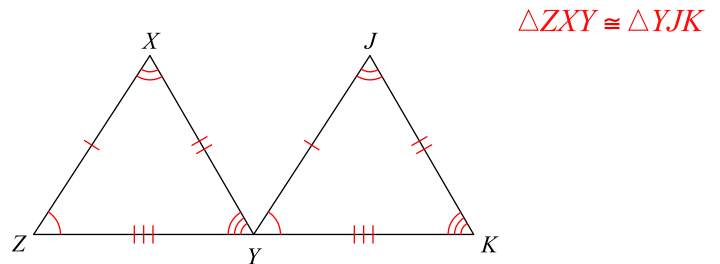
4)



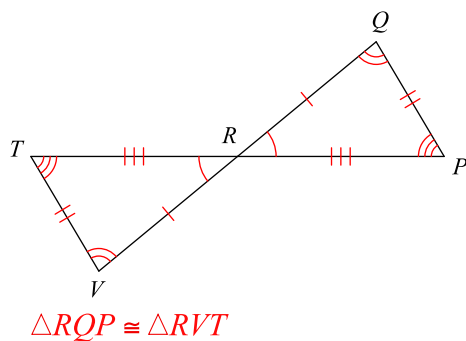
5)



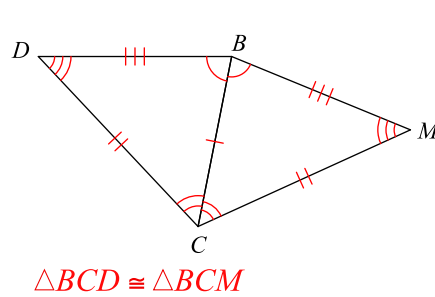
6)



7)

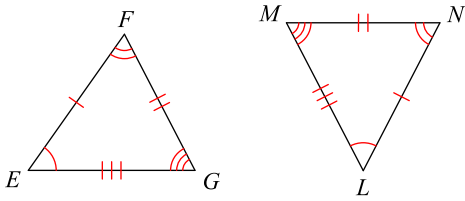


8)

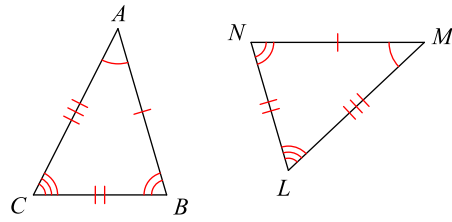


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

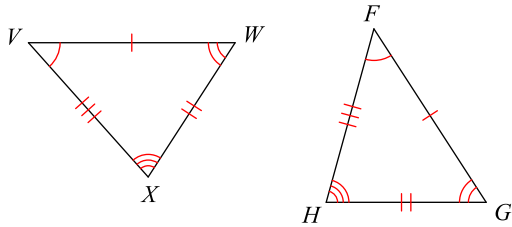
9) $\triangle EFG \cong \triangle LNM$



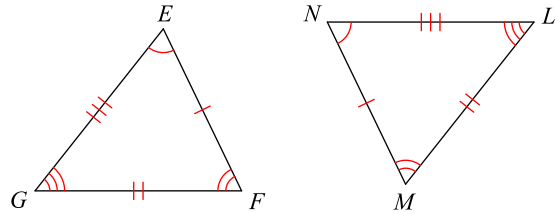
10) $\triangle ABC \cong \triangle MNL$



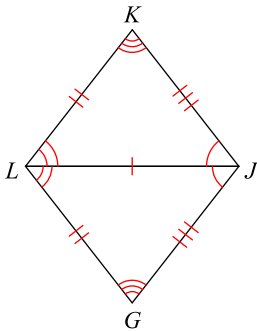
11) $\triangle VWX \cong \triangle FGH$



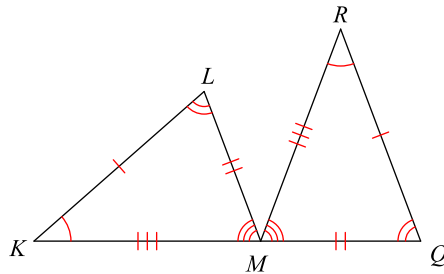
12) $\triangle EFG \cong \triangle NML$



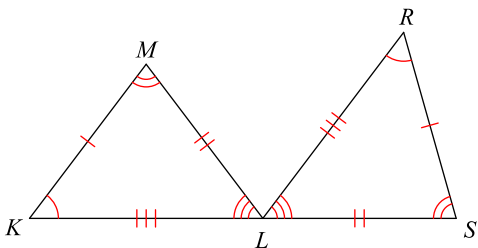
13) $\triangle JLK \cong \triangle JLG$



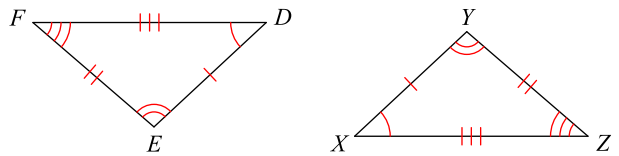
14) $\triangle KLM \cong \triangle RQM$



15) $\triangle KML \cong \triangle RSL$

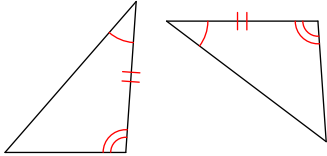


16) $\triangle DEF \cong \triangle XYZ$



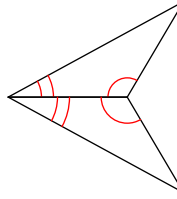
State if the two triangles are congruent. If they are, state how you know.

17)



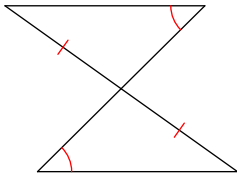
ASA

18)



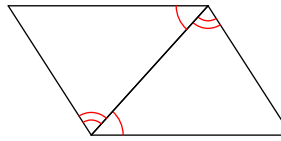
ASA

19)



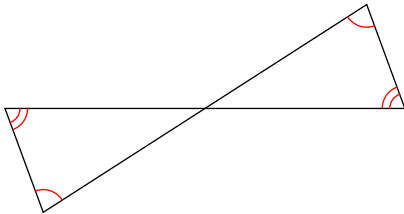
AAS

20)



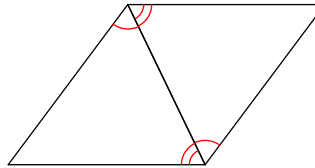
ASA

21)



Not congruent

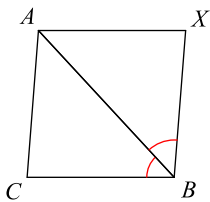
22)



ASA

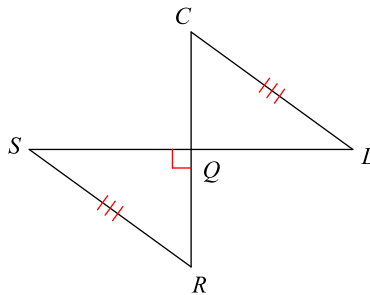
State what additional information is required in order to know that the triangles are congruent for the reason given.

23) ASA



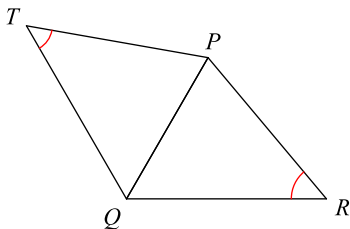
$\angle CAB \cong \angle XAB$

24) HL



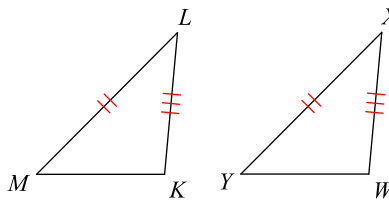
$\overline{QR} \cong \overline{QC}$ or $\overline{SQ} \cong \overline{DQ}$

25) AAS



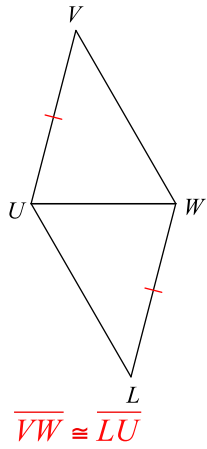
$\angle RQP \cong \angle TQP$ or $\angle QPR \cong \angle QPT$

26) SAS

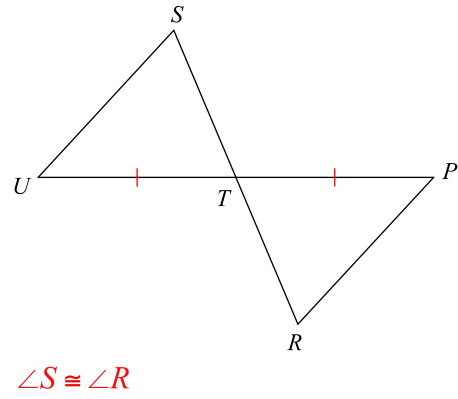


$\angle L \cong \angle X$

27) SSS

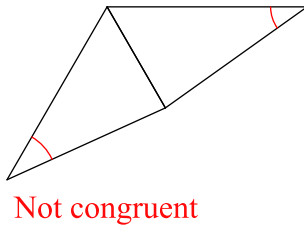


28) AAS

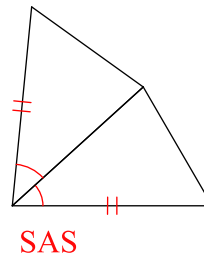


State if the two triangles are congruent. If they are, state how you know.

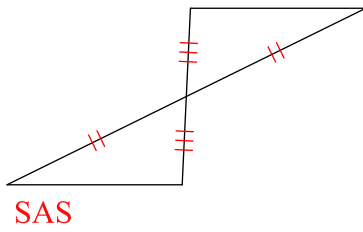
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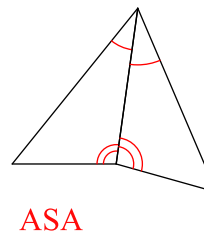
30)



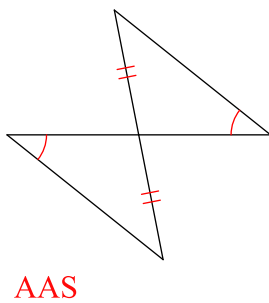
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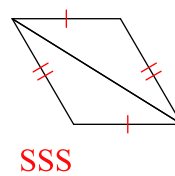
32)



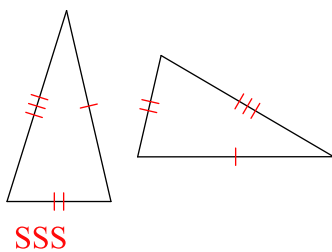
33)



34)



35)



36)

