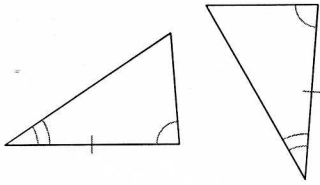


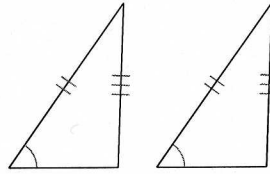
7-6 Congruence & Triangles (ASA & AAS) ver1_hw

State if the two triangles are congruent. If they are, state how you know. If they are not, state why.

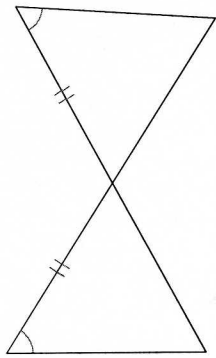
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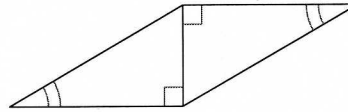
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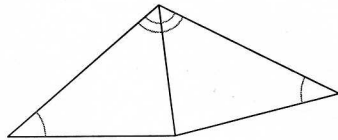
3)



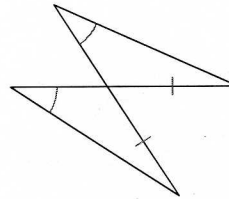
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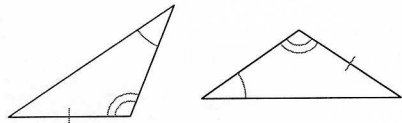
5)



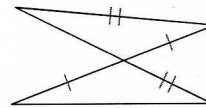
6)



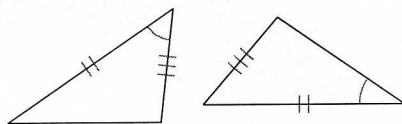
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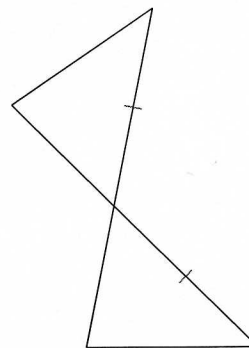
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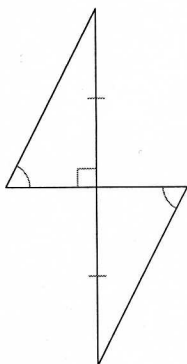
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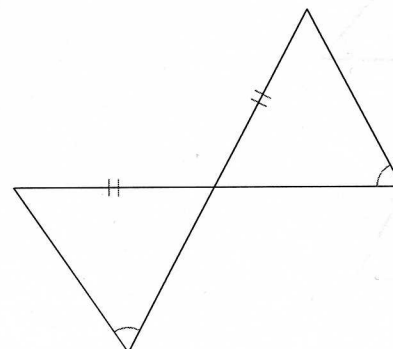
10)

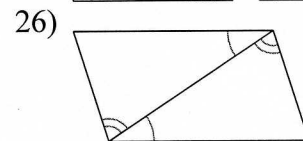
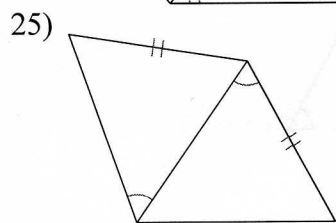
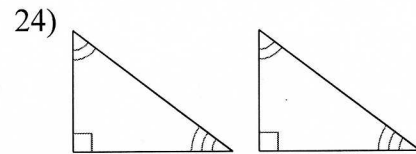
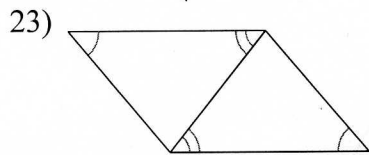
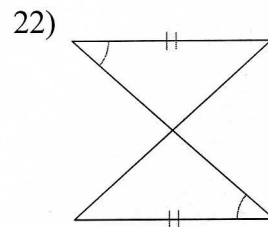
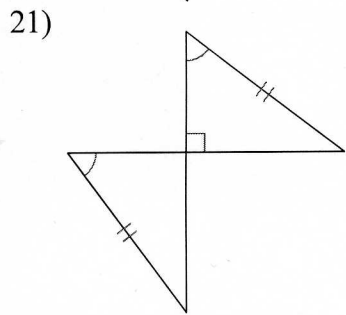
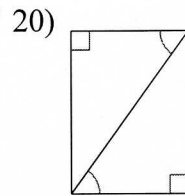
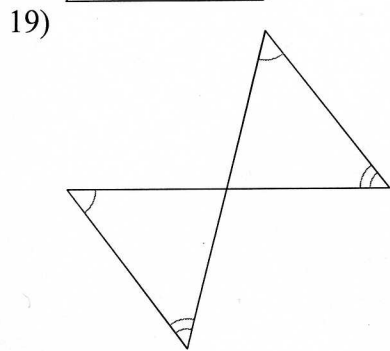
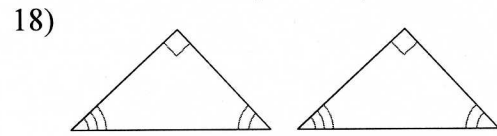
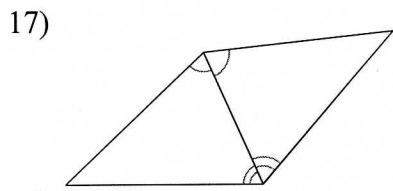
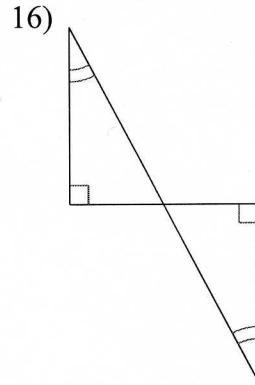
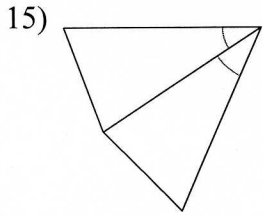
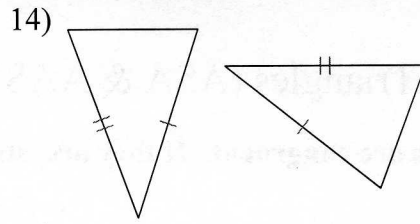
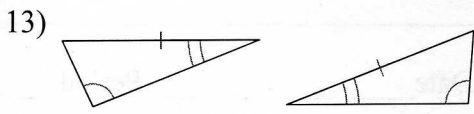


11)



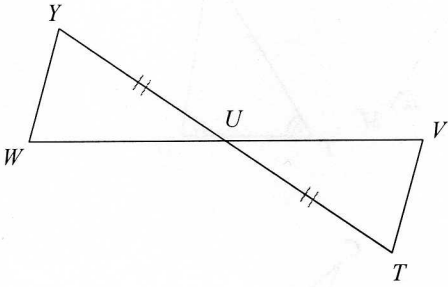
12)



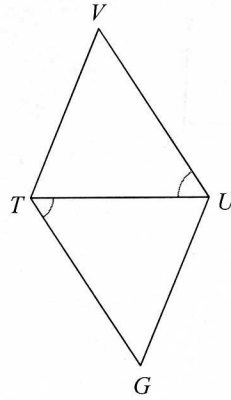


State what additional information is required in order to know that the triangles are congruent.

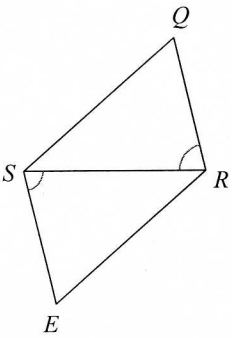
27) ASA



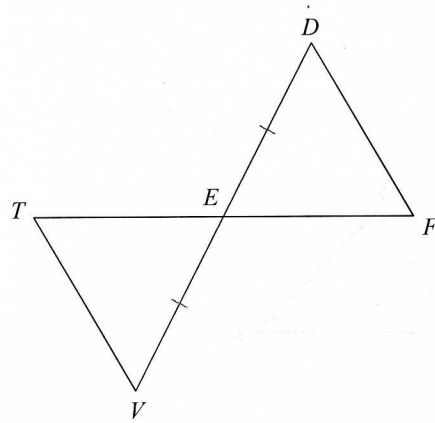
28) AAS



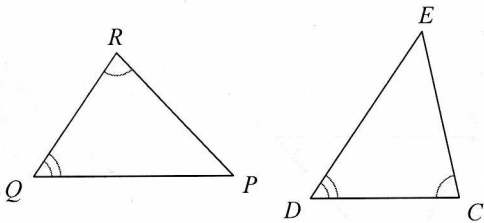
29) AAS



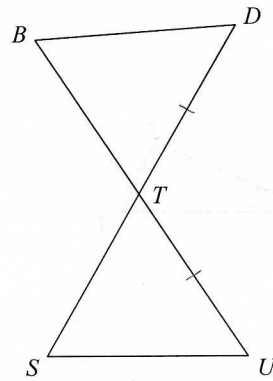
30) AAS



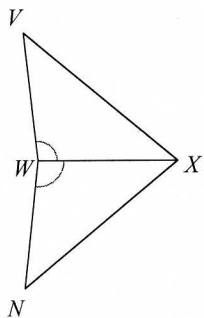
31) ASA



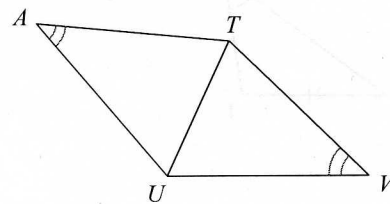
32) AAS



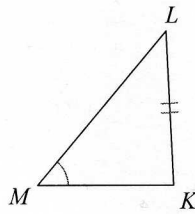
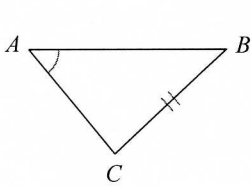
33) ASA



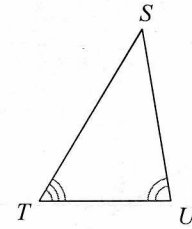
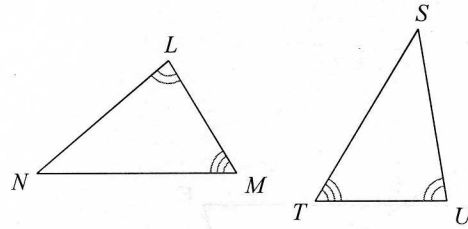
34) AAS



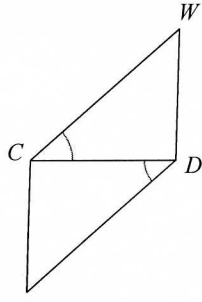
35) AAS



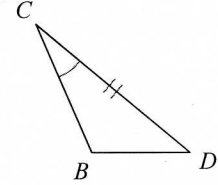
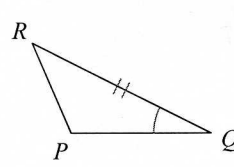
36) AAS



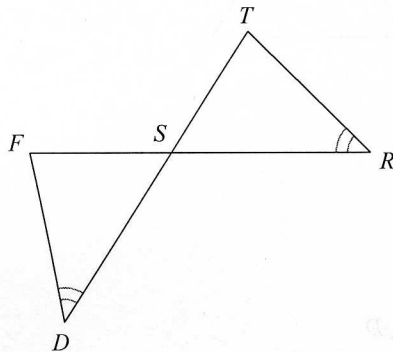
37) ASA



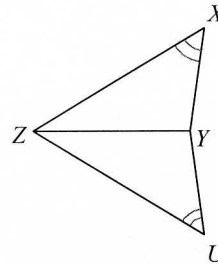
38) AAS



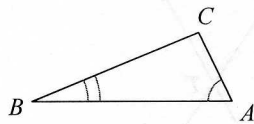
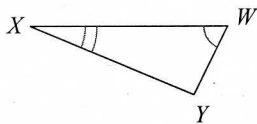
39) ASA



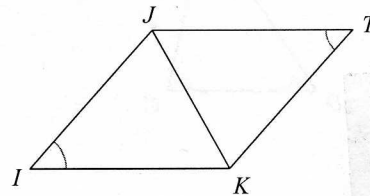
40) AAS



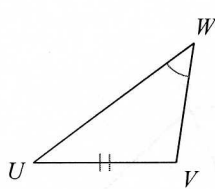
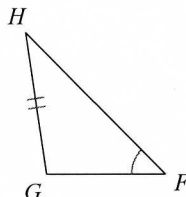
41) ASA



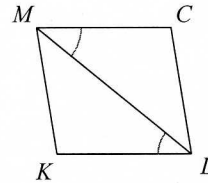
42) AAS



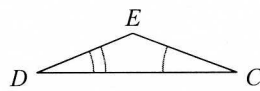
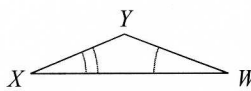
43) AAS



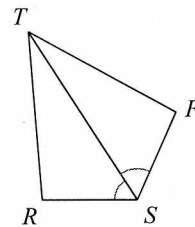
44) ASA



45) AAS



46) ASA



Answers to 7-6 Congruence & Triangles (ASA & AAS) ver1_hw

- 1) ASA
- 2) Not congruent
- 3) ASA
- 4) AAS
- 5) AAS
- 6) AAS
- 7) AAS
- 8) Not congruent
- 9) Not congruent
- 10) Not congruent
- 11) AAS
- 12) AAS
- 13) AAS
- 14) Not congruent
- 15) Not congruent
- 16) Not congruent
- 17) ASA
- 18) Not congruent
- 19) Not congruent
- 20) AAS
- 21) AAS
- 22) AAS
- 23) AAS
- 24) Not congruent
- 25) Not congruent
- 26) ASA
- 27) $\angle T \cong \angle Y$
- 28) $\angle V \cong \angle G$
- 29) $\angle Q \cong \angle E$
- 30) $\angle F \cong \angle I$
- 31) $\overline{RO} \cong \overline{CD}$
- 32) $\angle S \cong \angle B$
- 33) $\angle XW \cong \angle XW$
- 34) $\angle VUT \cong \angle AUT$ or $\angle UTV \cong \angle UTA$
- 35) $\angle B \cong \angle L$ or $\angle C \cong \angle K$
- 36) $\overline{MN} \cong \overline{IS}$ or $\overline{NL} \cong \overline{SU}$
- 37) $\angle ECD \cong \angle WDC$
- 38) $\overline{AP} \cong \overline{AB}$
- 39) $\overline{RS} \cong \overline{DS}$
- 40) $\angle XYZ \cong \angle UYZ$ or $\angle YZX \cong \angle YZU$
- 41) $\overline{WX} \cong \overline{AB}$
- 42) $\angle MK \cong \angle IKJ$ or $\angle JKI \cong \angle KJT$
- 43) $\angle G \cong \angle V$ or $\angle H \cong \angle U$
- 44) $\angle KML \cong \angle CLM$
- 45) $\overline{XY} \cong \overline{DE}$ or $\overline{YW} \cong \overline{EC}$