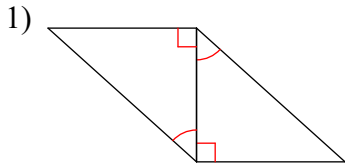
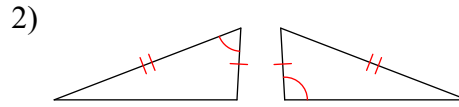


Unit 8.4 Prove Triangles Congruent by ASA and AAS PRACTICE

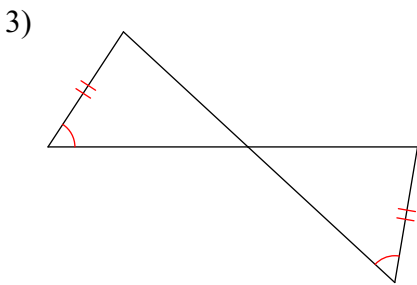
Determine if the two triangles are congruent. If they are, state how you know.



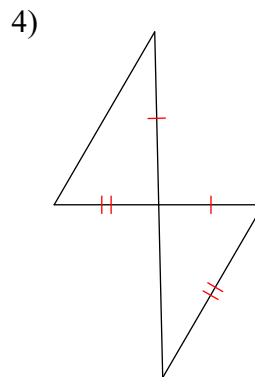
ASA



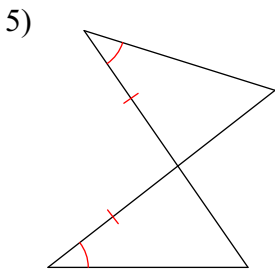
Not enough information



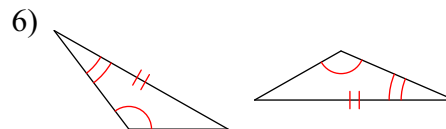
AAS



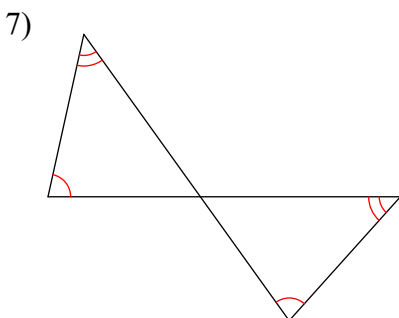
Not enough information



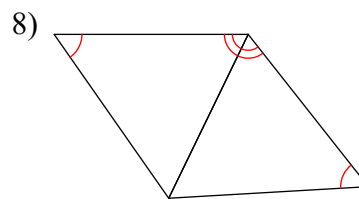
ASA



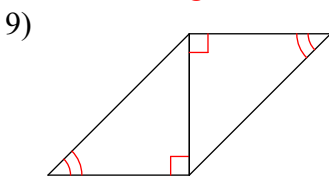
AAS



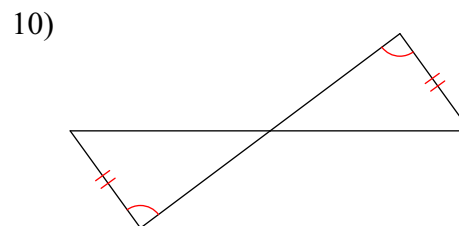
Not enough information



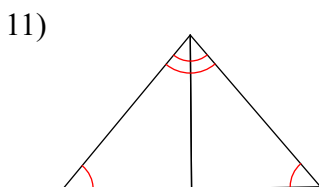
AAS



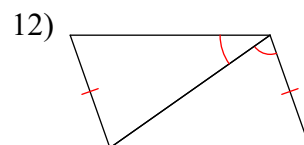
AAS



AAS



AAS

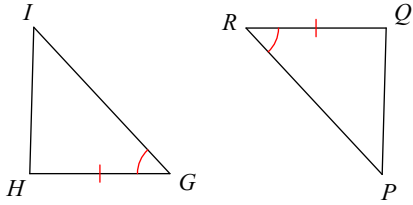


Not enough information

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

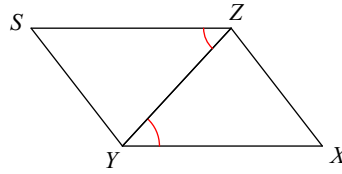
13) ASA

$\angle H \cong \angle Q$



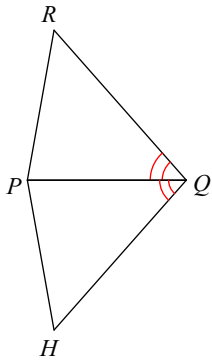
14) AAS

$\angle X \cong \angle S$



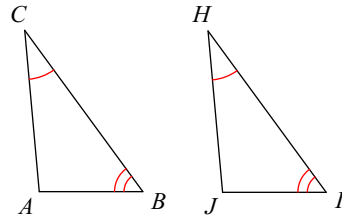
15) AAS

$\angle R \cong \angle H$



16) ASA

$\overline{CB} \cong \overline{HI}$

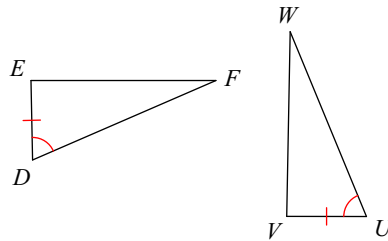
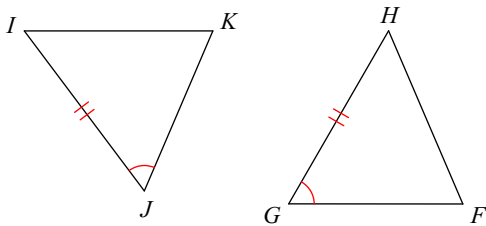


17) AAS

$\angle K \cong \angle F$

18) ASA

$\angle E \cong \angle V$

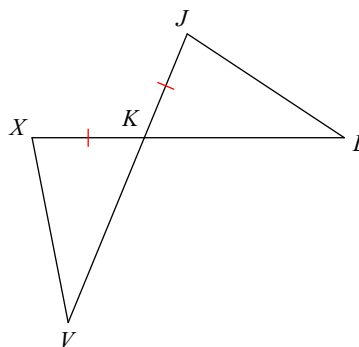
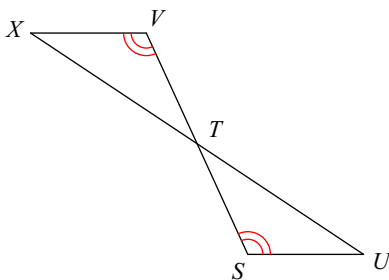


19) ASA

$\overline{ST} \cong \overline{VT}$

20) AAS

$\angle L \cong \angle V$



21) ASA

$\overline{QR} \cong \overline{JI}$

22) ASA

$\angle FHG \cong \angle SGH$

