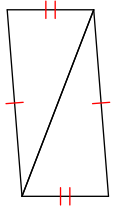
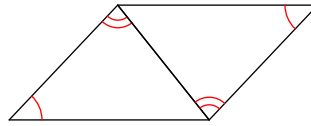


Determine if the two triangles are congruent. If they are, state how you know.

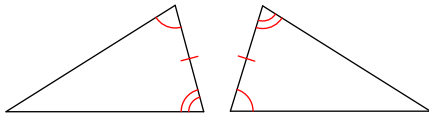
1)



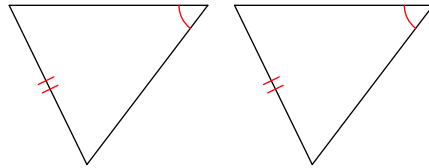
2)



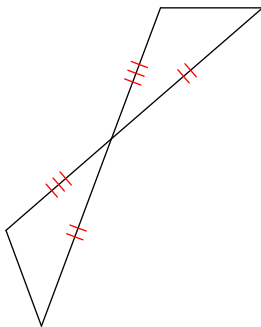
3)



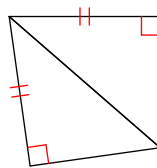
4)



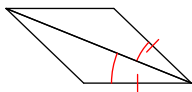
5)



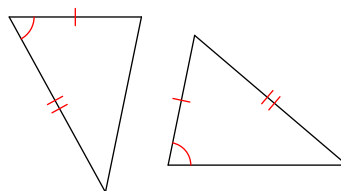
6)



7)

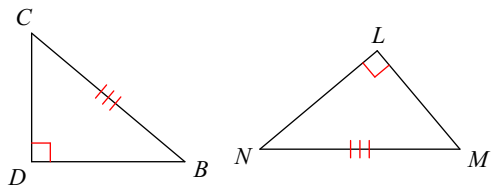


8)

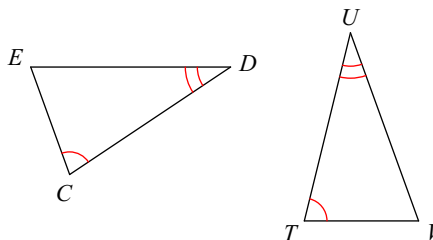


State what additional information is required in order to know that the triangles are congruent for the reason given.

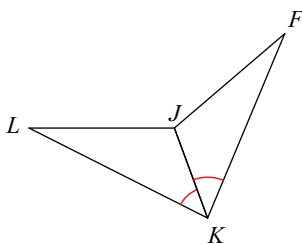
9) HL



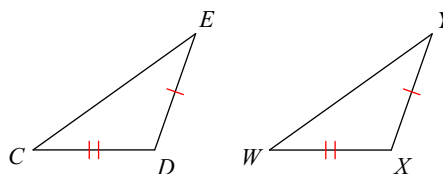
10) AAS



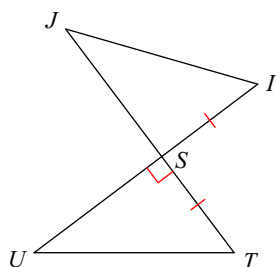
11) ASA



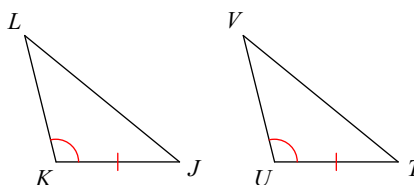
12) SSS



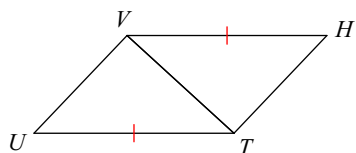
13) HL



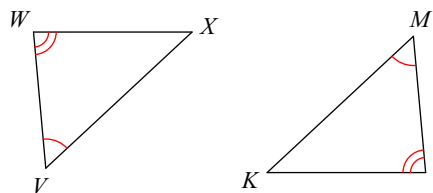
14) SAS



15) SSS



16) ASA



Answers to

- 1) SSS 2) AAS 3) ASA
4) Not enough information 5) SAS 6) HL
7) SAS 8) Not enough information 9) $\overline{DC} \cong \overline{LM}$ or $\overline{BD} \cong \overline{NL}$
10) $\overline{DE} \cong \overline{UV}$ or $\overline{EC} \cong \overline{VT}$ 11) $\angle LJK \cong \angle FJK$ 12) $\overline{CE} \cong \overline{WY}$
13) $\overline{TU} \cong \overline{IJ}$ 14) $\overline{KL} \cong \overline{UV}$ 15) $\overline{UV} \cong \overline{HT}$ 16) $\overline{VW} \cong \overline{ML}$