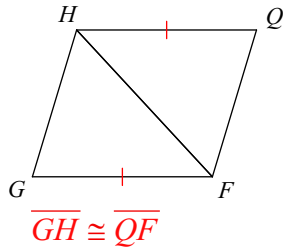


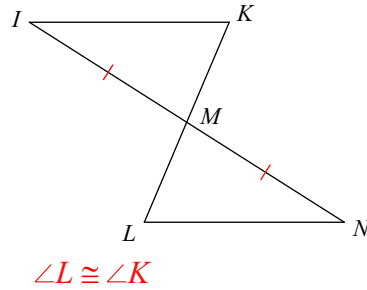
SSS,SAS,ASA,AAS,HL

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

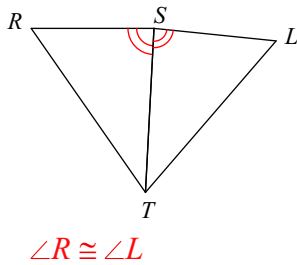
1) SSS



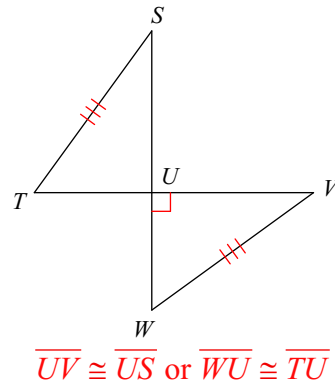
2) AAS



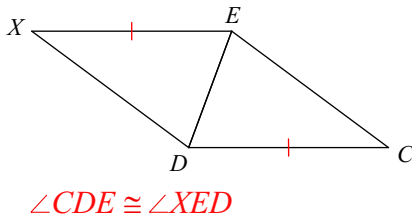
3) AAS



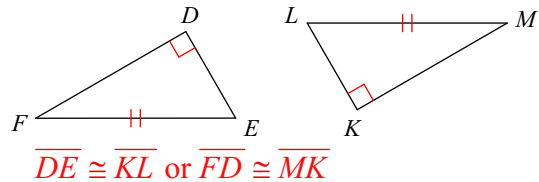
4) HL



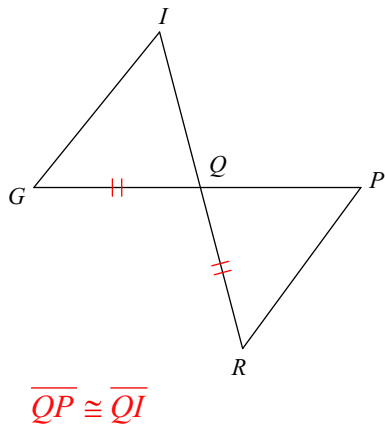
5) SAS



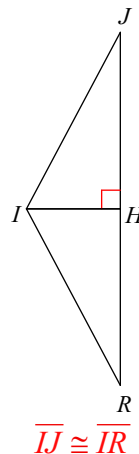
6) HL



7) SAS

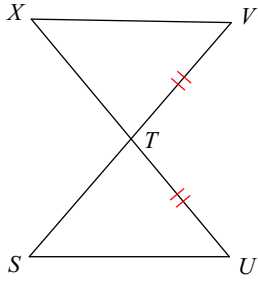


8) HL



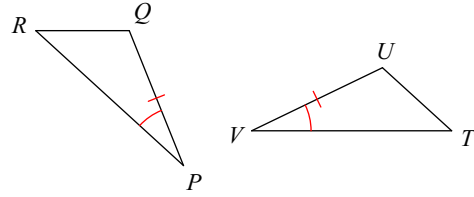
9) AAS

$\angle S \cong \angle X$



10) ASA

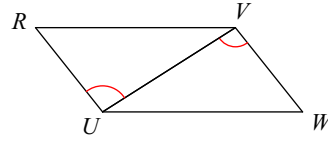
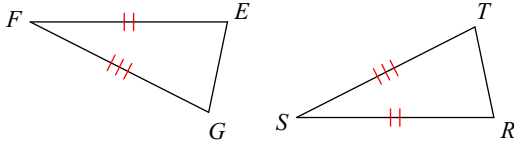
$\angle Q \cong \angle U$



11) SSS

$\overline{GE} \cong \overline{TR}$

$\angle WUV \cong \angle RVU$

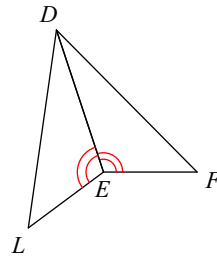
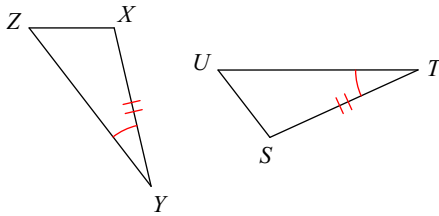


13) AAS

$\angle Z \cong \angle U$

14) SAS

$\overline{FE} \cong \overline{LE}$

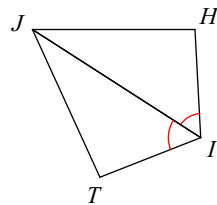
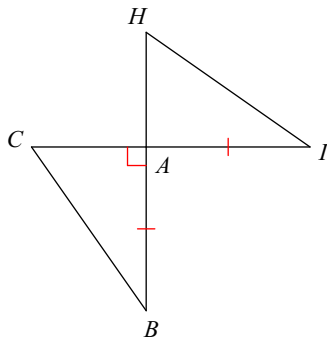


15) HL

$\overline{BC} \cong \overline{IH}$

16) SAS

$\overline{HI} \cong \overline{TI}$

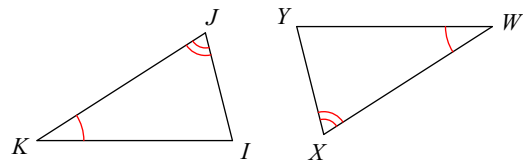
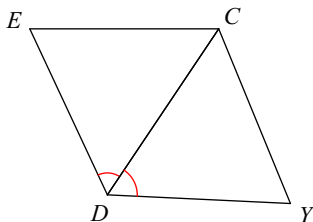


17) ASA

$\angle ECD \cong \angle YCD$

18) ASA

$\overline{KJ} \cong \overline{WX}$



19) AAS

$\angle BCD \cong \angle HDC$ or $\angle CDB \cong \angle DCH$

20) SAS

$\overline{LK} \cong \overline{GJ}$

