

Unit 2b - REVIEW

Complete each congruence statement by naming the corresponding angle or side.

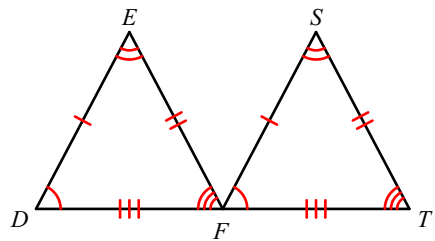
1)  $\triangle UVW \cong \triangle VUN$

$\angle W \cong ?$

2)  $\triangle GHI \cong \triangle LNM$

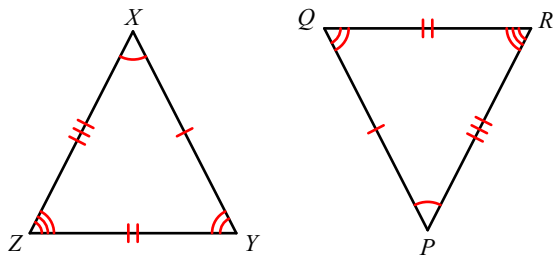
$\overline{IG} \cong ?$

3)  $\triangle DEF \cong \triangle FST$



$\angle D \cong ?$

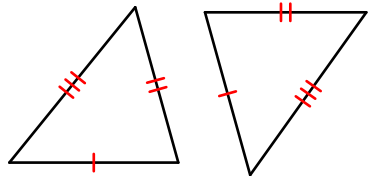
4)  $\triangle XYZ \cong \triangle PQR$



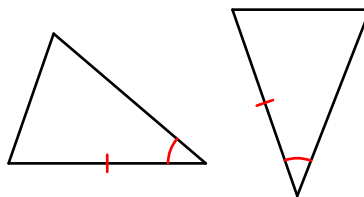
$\overline{XY} \cong ?$

State if the two triangles are congruent by SSS, SAS, ASA, AAS, or HL. If they are not congruent, write NOT CONGRUENT.

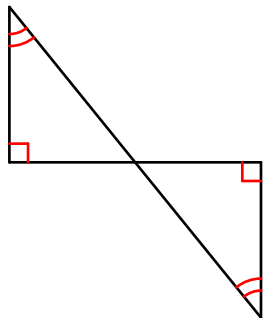
5)



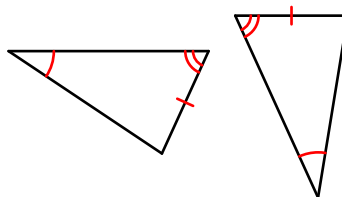
6)



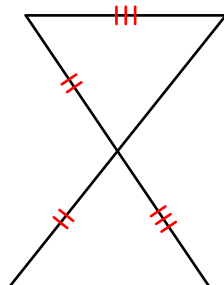
7)



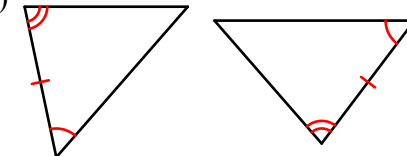
8)



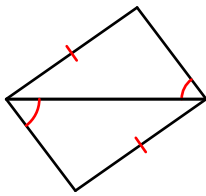
9)



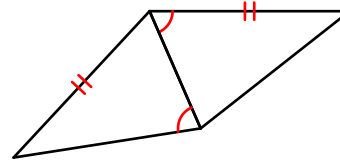
10)



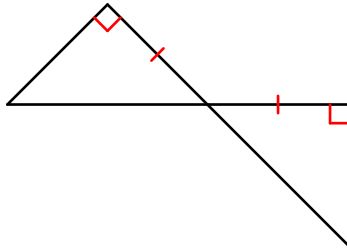
11)



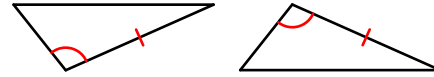
12)



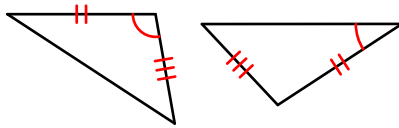
13)



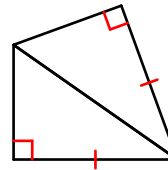
14)



15)

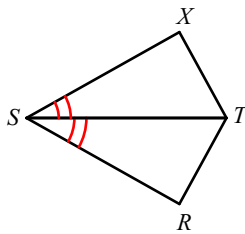


16)

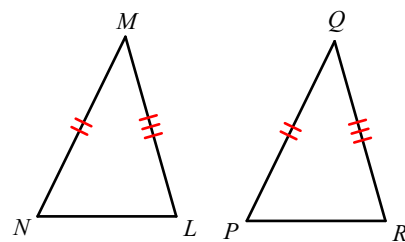


**State what additional information is required in order to know that the triangles are congruent for the reason given.**

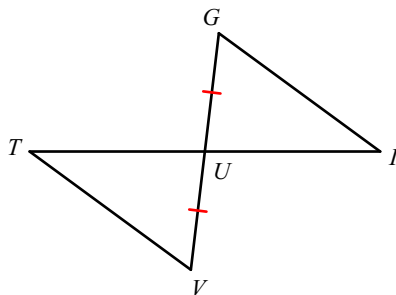
17) AAS



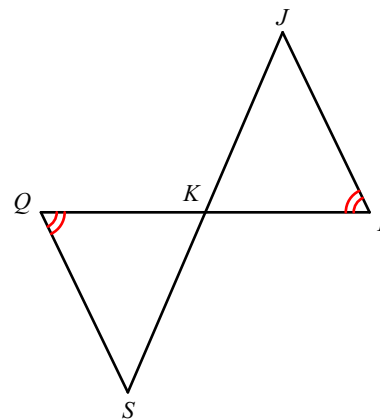
18) SSS



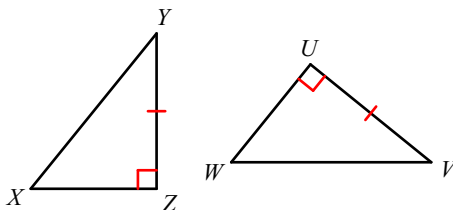
19) AAS



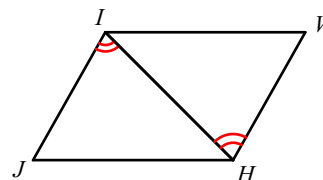
20) ASA



21) HL



22) SAS



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Complete each congruence statement by naming the corresponding angle or side.

1)  $\triangle UVW \cong \triangle VUN$

$\angle W \cong ?$

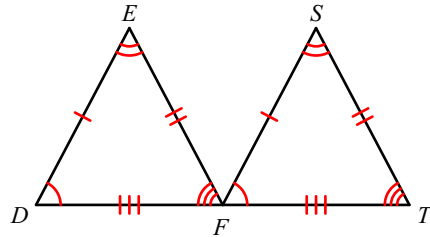
$\angle N$

2)  $\triangle GHI \cong \triangle LNM$

$\overline{IG} \cong ?$

$\overline{ML}$

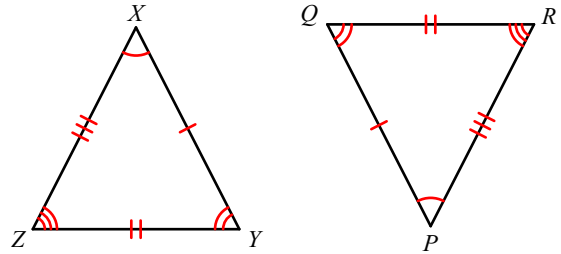
3)  $\triangle DEF \cong \triangle FST$



$\angle D \cong ?$

$\angle TFS$

4)  $\triangle XYZ \cong \triangle PQR$

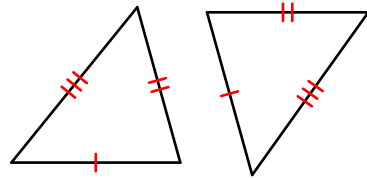


$\overline{XY} \cong ?$

$\overline{PQ}$

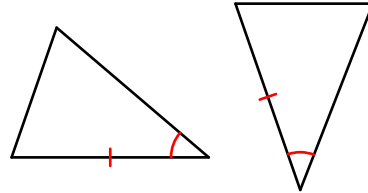
State if the two triangles are congruent by SSS, SAS, ASA, AAS, or HL. If they are not congruent, write NOT CONGRUENT.

5)



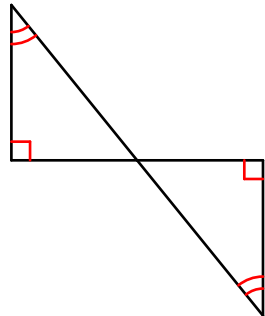
SSS

6)



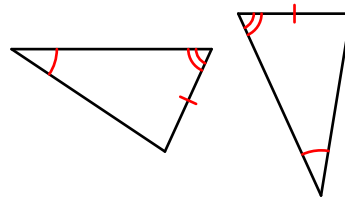
Not congruent

7)



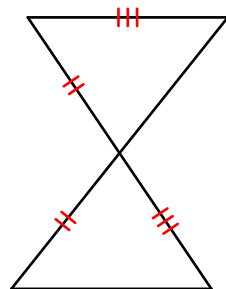
Not congruent

8)



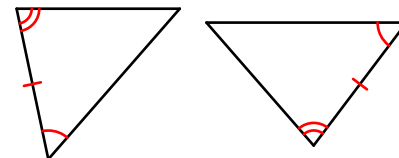
AAS

9)

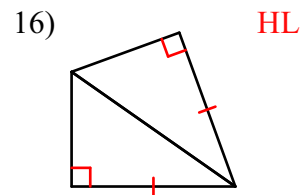
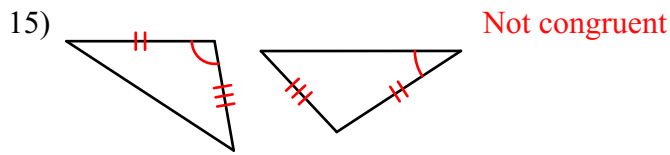
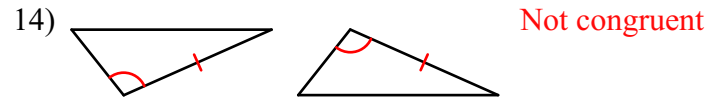
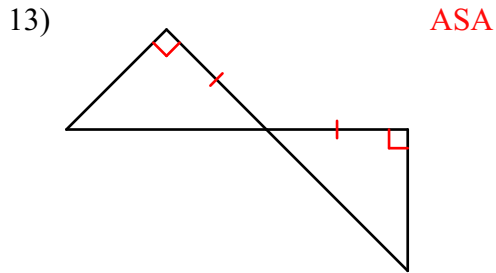
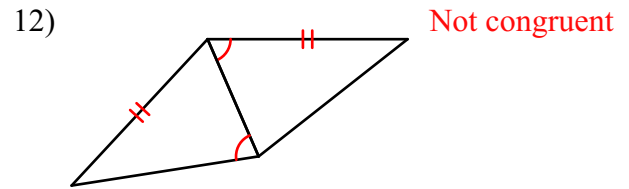
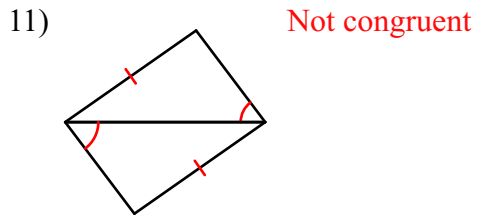


Not congruent

10)

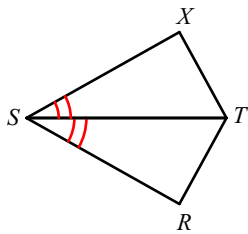


ASA

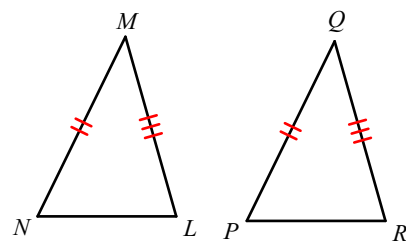


State what additional information is required in order to know that the triangles are congruent for the reason given.

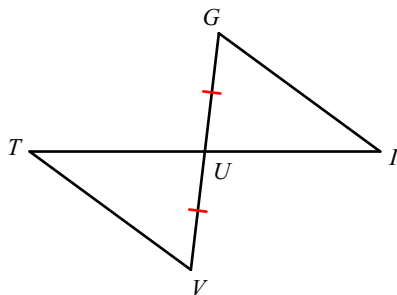
17) AAS  $\angle R \cong \angle X$



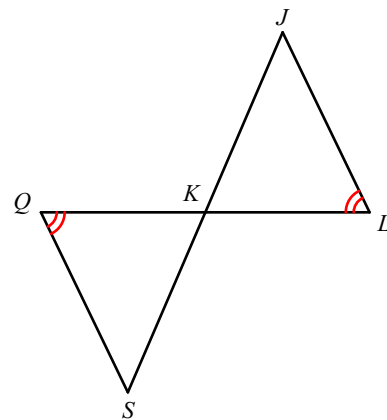
18) SSS  $\overline{LN} \cong \overline{RP}$



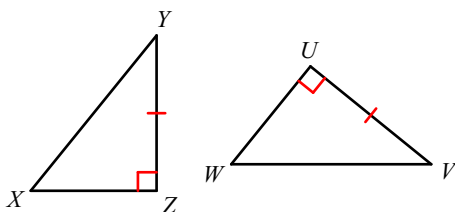
19) AAS  $\angle T \cong \angle I$



20) ASA  $\overline{LK} \cong \overline{QK}$



21) HL  $\overline{YX} \cong \overline{VW}$



22) SAS  $\overline{JI} \cong \overline{VH}$

