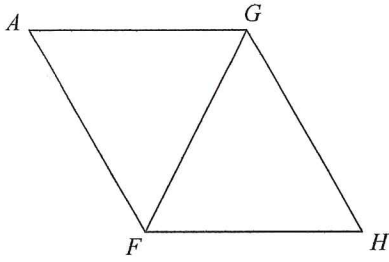


Congruent Triangle Practice

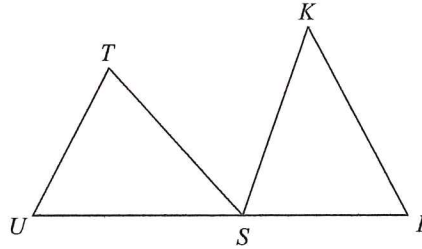
Complete each congruence statement by naming the corresponding angle or side.

1)  $\triangle FGH \cong \triangle GFA$



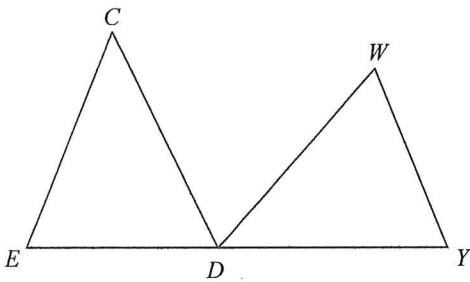
$\angle FGH \cong ?$

2)  $\triangle UTS \cong \triangle ISK$



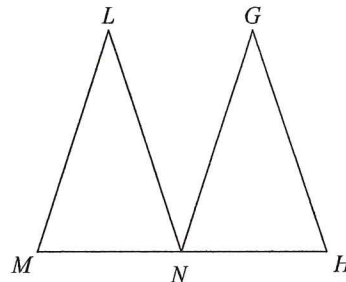
$\angle T \cong ?$

3)  $\triangle ECD \cong \triangle YDW$



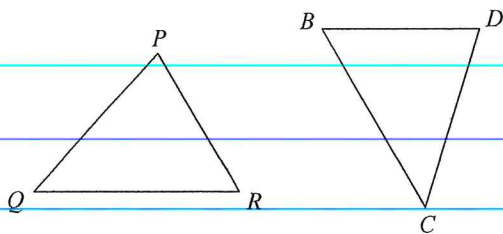
$\overline{CD} \cong ?$

4)  $\triangle MLN \cong \triangle NGH$



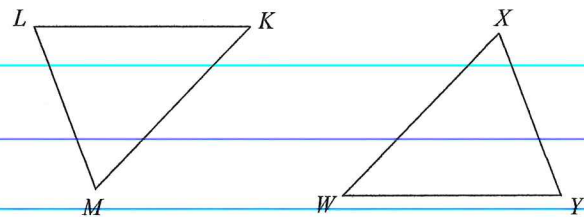
$\angle L \cong ?$

5)  $\triangle RQP \cong \triangle BCD$



$\overline{PR} \cong ?$

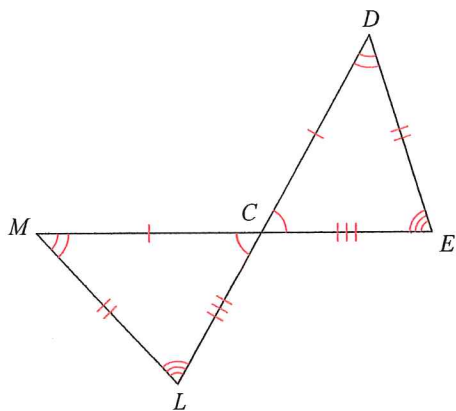
6)  $\triangle KML \cong \triangle WXY$



$\angle M \cong ?$

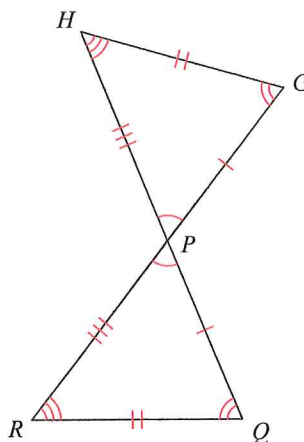
Write a statement that indicates that the triangles in each pair are congruent.

7)



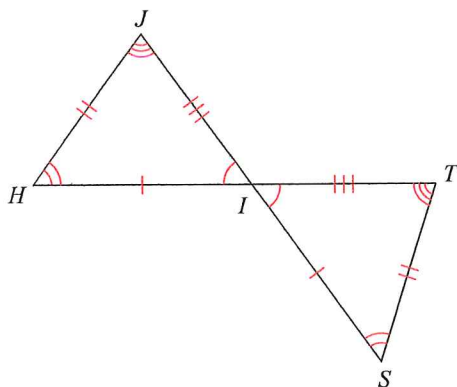
- A)  $\triangle CED \cong \triangle MLC$
- B)  $\triangle DCE \cong \triangle CLM$
- C)  $\triangle CED \cong \triangle LCM$
- D)  $\triangle CDE \cong \triangle CML$

8)



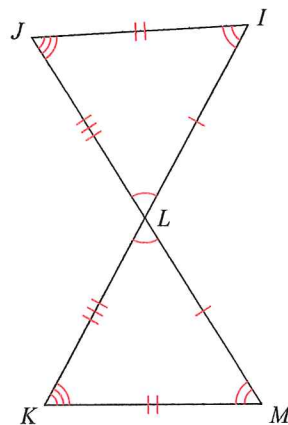
- A)  $\triangle QPR \cong \triangle GHP$
- B)  $\triangle RQP \cong \triangle HPG$
- C)  $\triangle RPQ \cong \triangle HGP$
- D)  $\triangle PQR \cong \triangle PGH$

9)



- A)  $\triangle IHJ \cong \triangle STI$
- B)  $\triangle IJH \cong \triangle TIS$
- C)  $\triangle IHJ \cong \triangle IST$
- D)  $\triangle HJI \cong \triangle TSI$

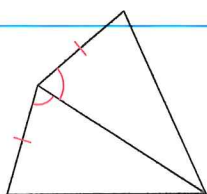
10)



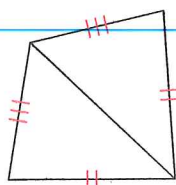
- A)  $\triangle MLK \cong \triangle JIL$
- B)  $\triangle MLK \cong \triangle LJI$
- C)  $\triangle LMK \cong \triangle JLI$
- D)  $\triangle LMK \cong \triangle LLJ$

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

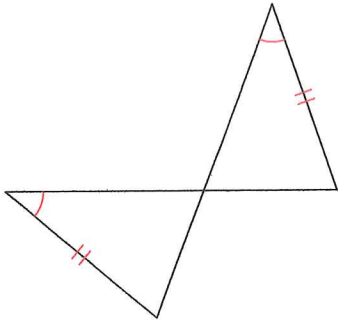
11)



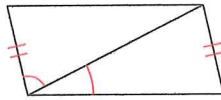
12)



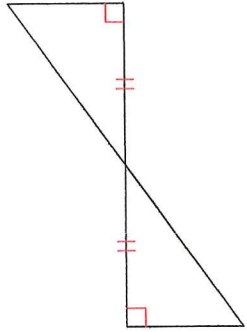
13)



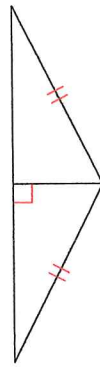
14)



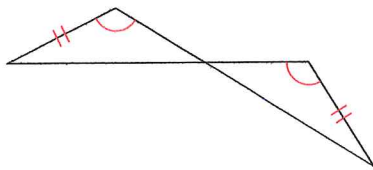
15)



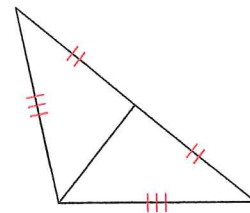
16)



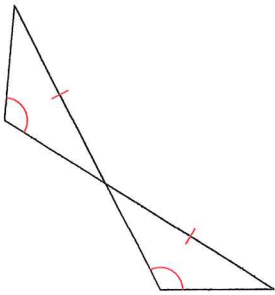
17)



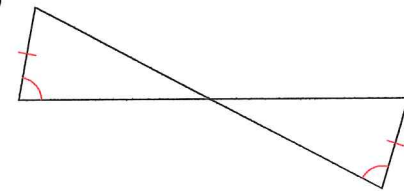
18)



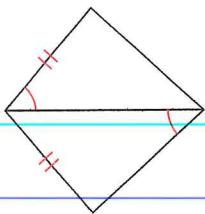
19)



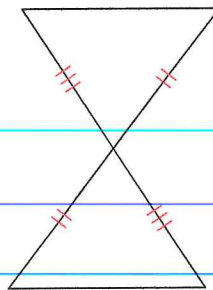
20)



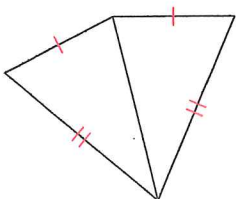
21)



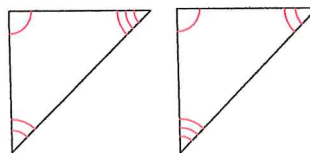
22)



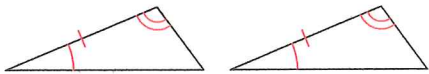
23)



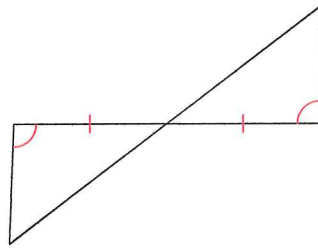
24)



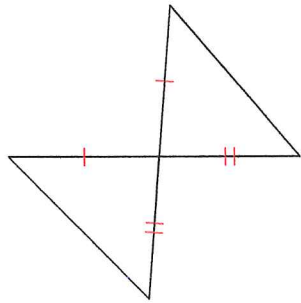
25)



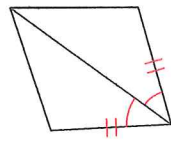
26)



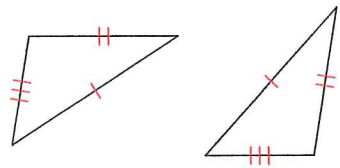
27)



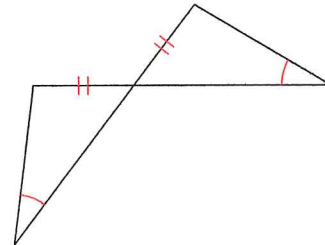
28)



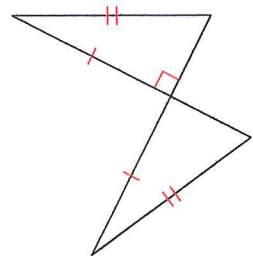
29)



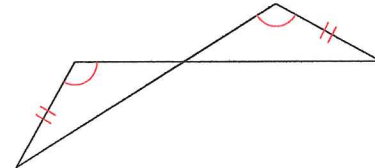
30)



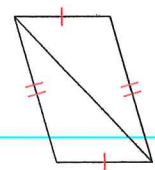
31)



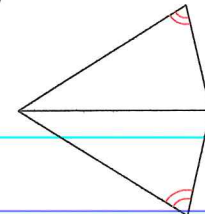
32)



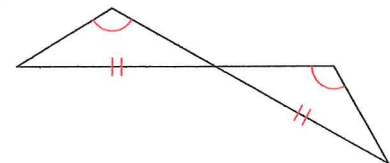
33)



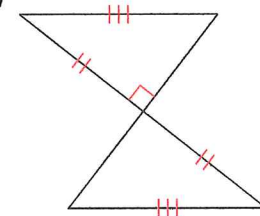
34)



35)



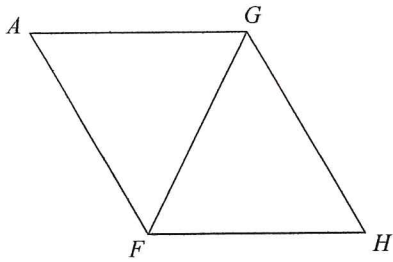
36)



# Congruent Triangle Practice

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

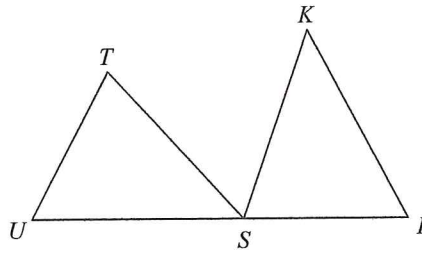
1)  $\triangle FGH \cong \triangle GFA$



$\angle FGH \cong ?$

$\angle GFA$

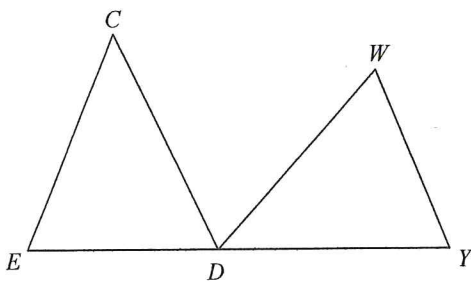
2)  $\triangle UTS \cong \triangle ISK$



$\angle T \cong ?$

$\angle ISK$

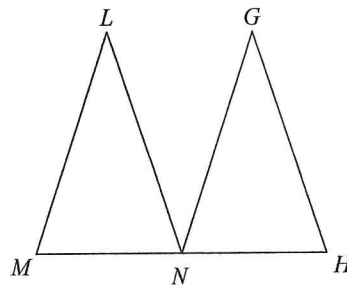
3)  $\triangle ECD \cong \triangle YDW$



$\overline{CD} \cong ?$

$\overline{DW}$

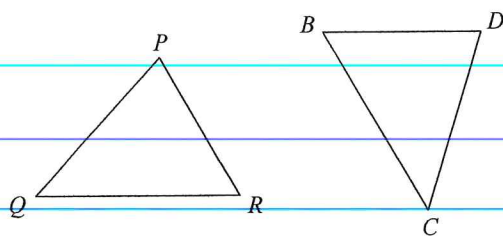
4)  $\triangle MLN \cong \triangle NGH$



$\angle L \cong ?$

$\angle G$

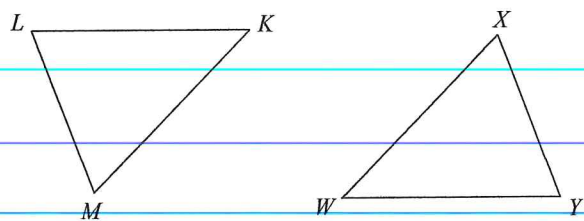
5)  $\triangle RQP \cong \triangle BCD$



$\overline{PR} \cong ?$

$\overline{DB}$

6)  $\triangle KML \cong \triangle WXY$

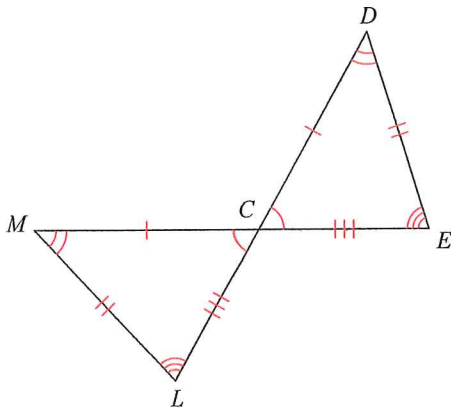


$\angle M \cong ?$

$\angle X$

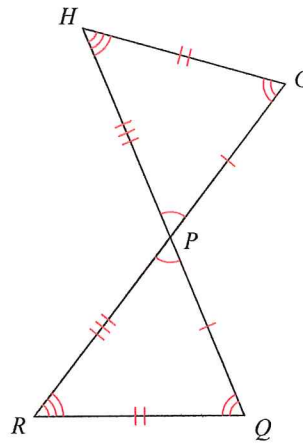
Write a statement that indicates that the triangles in each pair are congruent.

7)



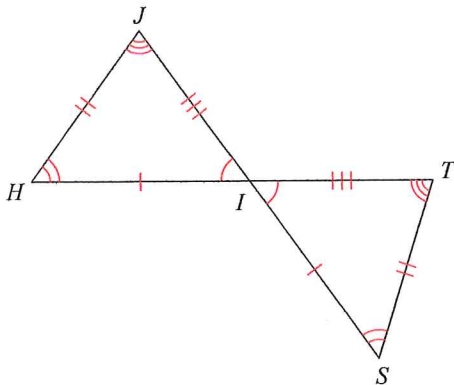
- A)  $\triangle CED \cong \triangle MLC$
- B)  $\triangle DCE \cong \triangle CLM$
- C)  $\triangle CED \cong \triangle LCM$
- \*D)  $\triangle CDE \cong \triangle CML$

8)



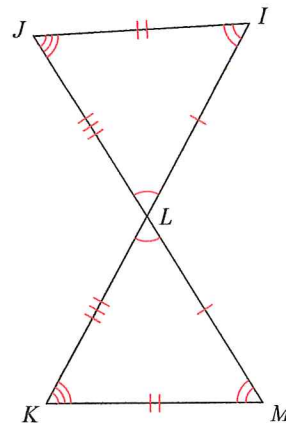
- A)  $\triangle QPR \cong \triangle GHP$
- B)  $\triangle RQP \cong \triangle HPG$
- C)  $\triangle RPQ \cong \triangle HGP$
- \*D)  $\triangle PQR \cong \triangle PGH$

9)



- A)  $\triangle IHJ \cong \triangle STI$
- B)  $\triangle IJH \cong \triangle TIS$
- \*C)  $\triangle IHJ \cong \triangle IST$
- D)  $\triangle HJI \cong \triangle TSI$

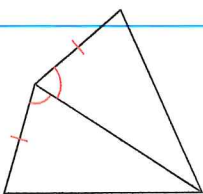
10)



- A)  $\triangle MLK \cong \triangle JIL$
- B)  $\triangle MLK \cong \triangle LJI$
- C)  $\triangle LMK \cong \triangle JLI$
- \*D)  $\triangle LMK \cong \triangle LJL$

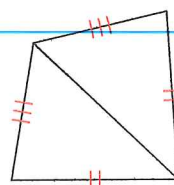
State if the two triangles are congruent. If they are, state how you know.

11)



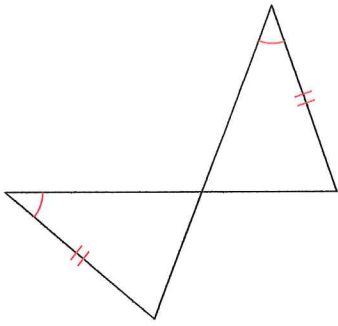
SAS

12)

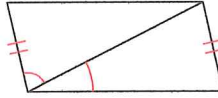


SSS

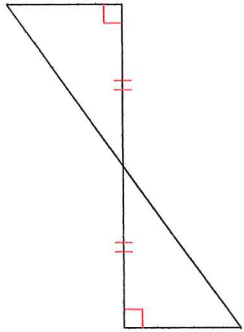
13) AAS



14) Not congruent



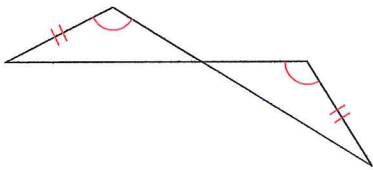
15) ASA



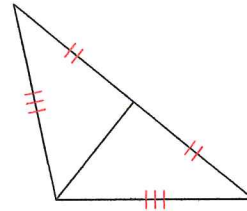
16) HL



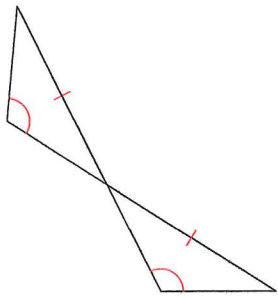
17) AAS



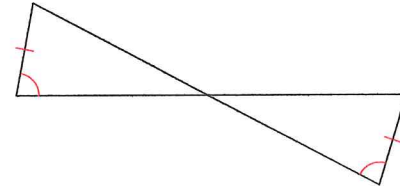
18) SSS



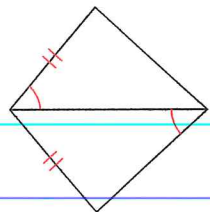
19) AAS



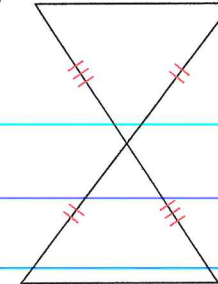
20) AAS



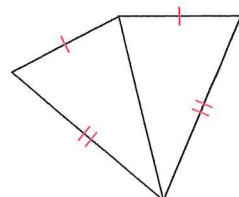
21) Not congruent



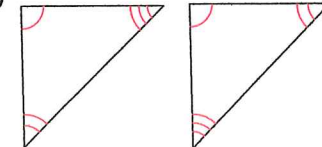
22) SAS



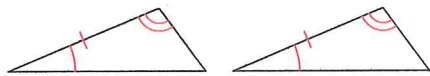
23) SSS



24) Not congruent

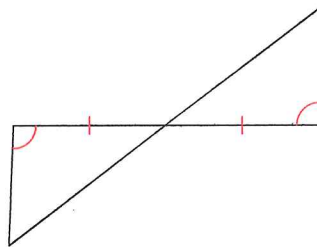


25)



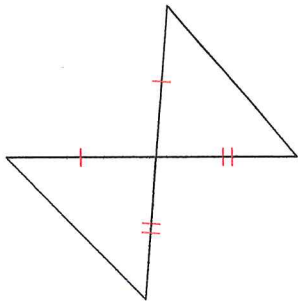
ASA

26)



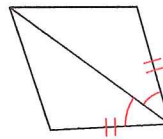
ASA

27)



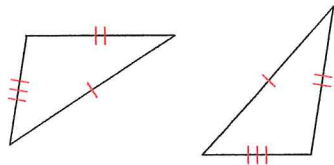
SAS

28)



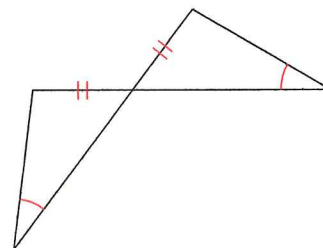
SAS

29)



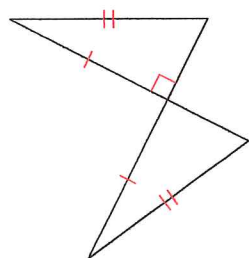
SSS

30)



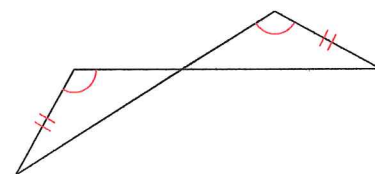
AAS

31)



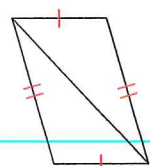
HL

32)



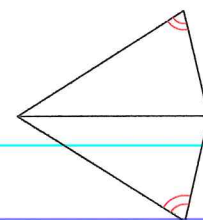
AAS

33)



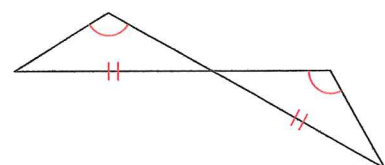
SSS

34)



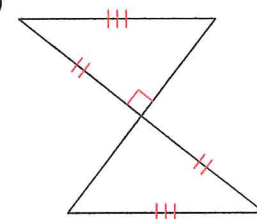
Not congruent

35)



AAS

36)



HL