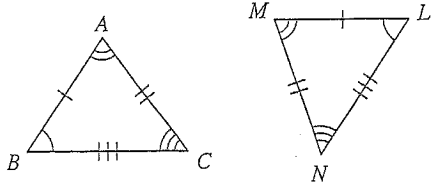


SECONDARY MATH II
 TRIANGLES AND TRIGONOMETRY
 TRIANGLE CONGRUENCY

NAME _____
 DATE _____
 CLASS _____

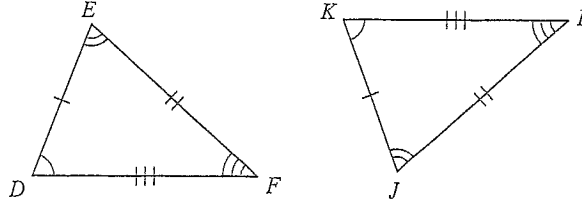
Complete each congruence statement by naming the corresponding angle or side.

1) $\triangle BAC \cong \triangle LMN$



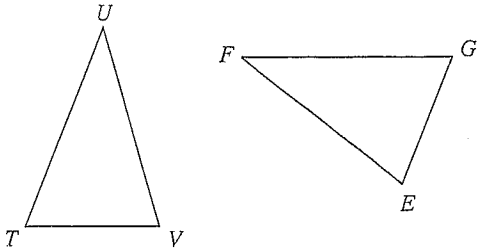
$\angle A \cong ?$

2) $\triangle DEF \cong \triangle KJI$



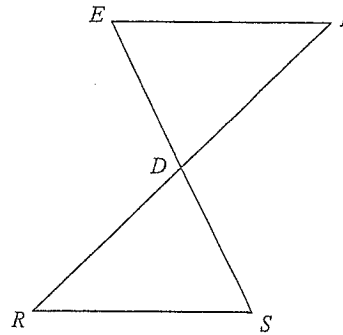
$\overline{FD} \cong ?$

3) $\triangle TUV \cong \triangle GFE$



$\angle U \cong ?$

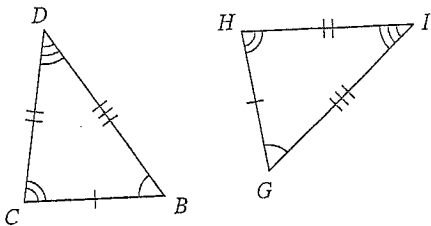
4) $\triangle DEF \cong \triangle DSR$



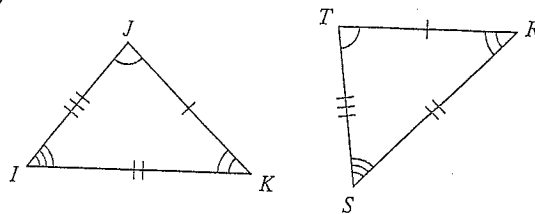
$\angle F \cong ?$

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

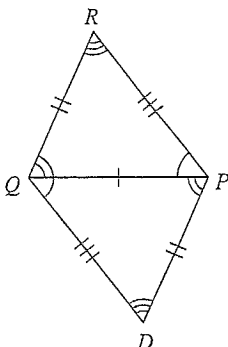
5)



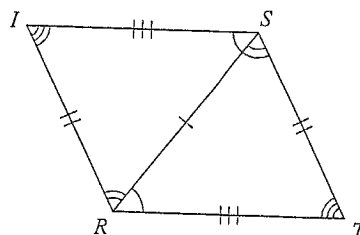
6)



7)

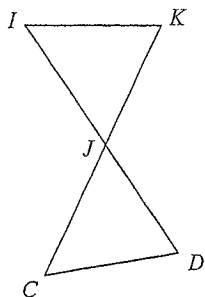


8)

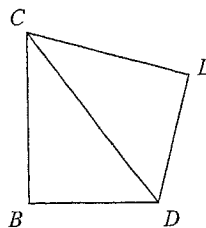


Mark the angles and sides of each pair of triangles to indicate that they are congruent.

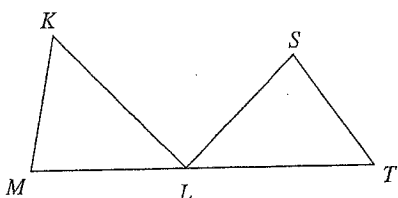
9) $\triangle JIK \cong \triangle JCD$



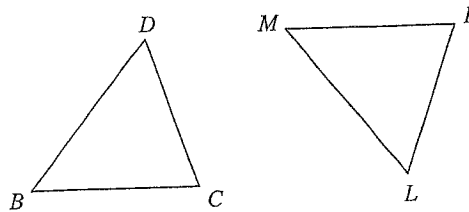
10) $\triangle CDB \cong \triangle CDL$



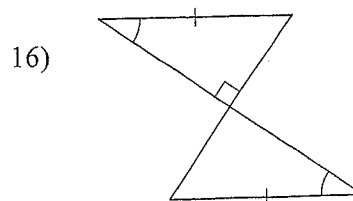
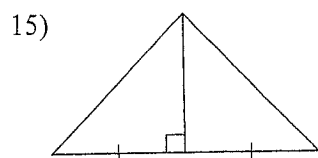
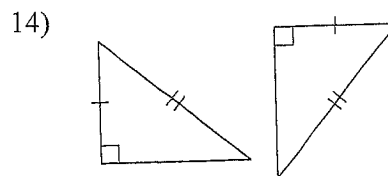
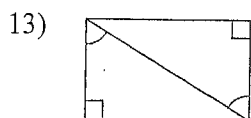
11) $\triangle MKL \cong \triangle STL$



12) $\triangle BDC \cong \triangle MLK$

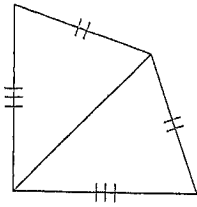


Using Right Triangle Congruency, state if the two triangles are congruent, and if they are, give the reason.

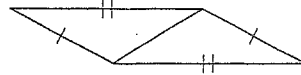


Using SSS, SAS, ASA, and SAA Congruency, determine if the triangles are congruent and give the reason.

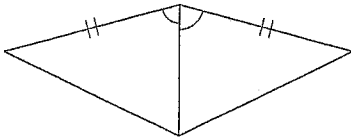
17)



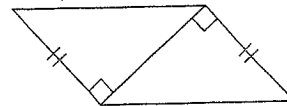
18)



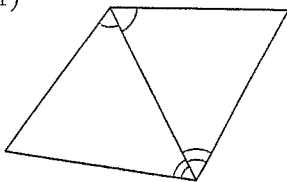
19)



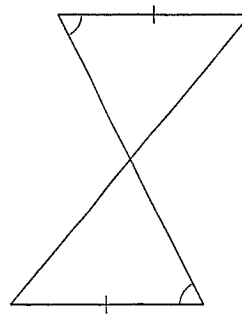
20)



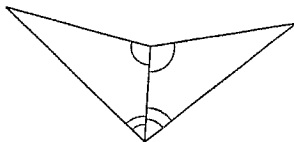
21)



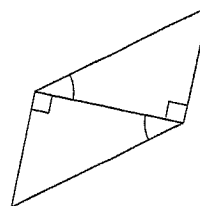
22)



23)

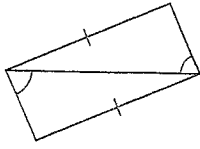


24)

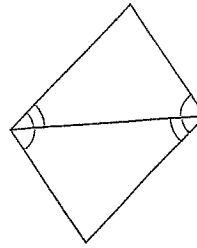


State if the two triangles are congruent, if they are, state the reason.

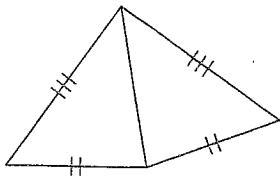
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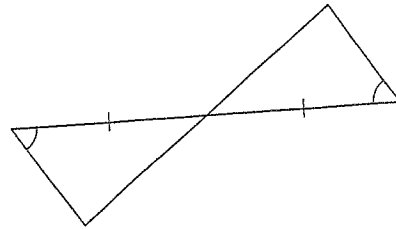
26)



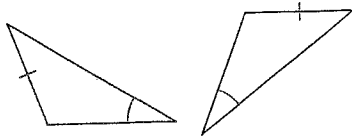
27)



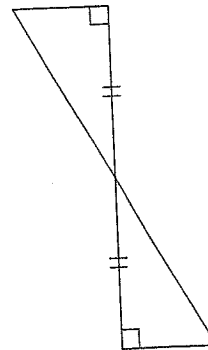
28)



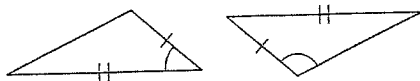
29)



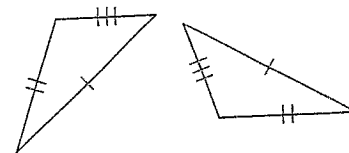
30)



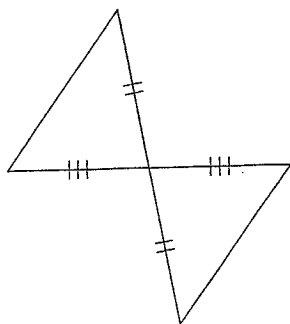
31)



32)



33)



34)

