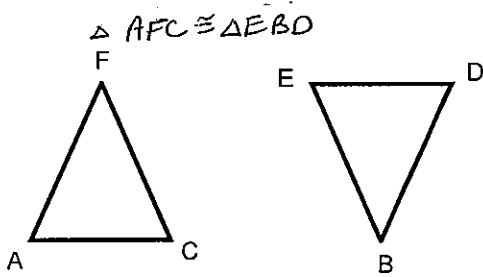


Review

1. Mark the angles and sides to show the corresponding parts of the two triangles.



2-3 Use the congruence statement $\triangle DOG \cong \triangle RUN$ to write six congruent statements.

A. $\angle D$ _____

B. \overline{DO} _____

C. $\angle O$ _____

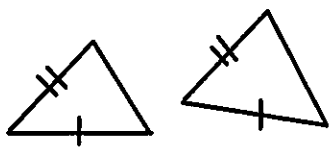
D. \overline{GO} _____

E. $\angle G$ _____

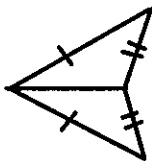
F. \overline{DG} _____

State the postulate or theorem used to show if the two triangles are congruent. Choose from SAS, SSS, ASA, AAS, HL or not possible.

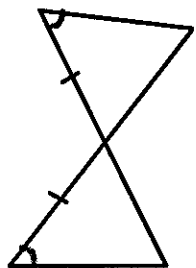
4.



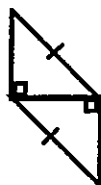
5.



6.

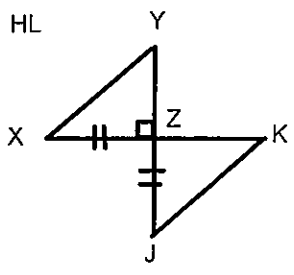


7.

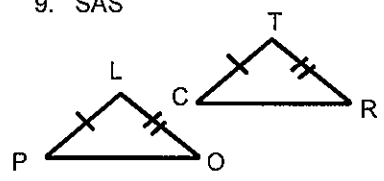


State what additional information is required in order to know that the triangles are congruent for the reason given.

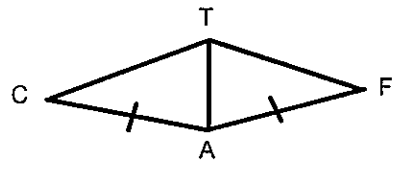
8. HL



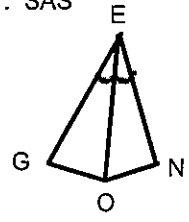
9. SAS



10. SSS



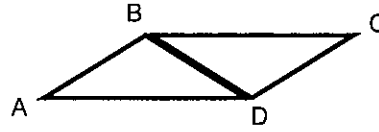
11. SAS



12. Complete the proof.

Given: $\overline{AB} \cong \overline{CD}$ and $\angle ABD \cong \angle CDB$

Prove: $\triangle ABC \cong \triangle CDB$

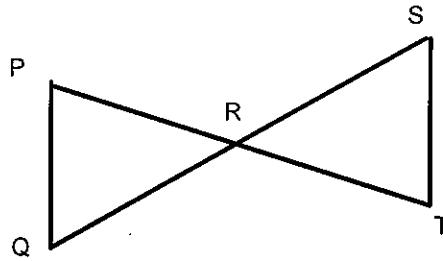


Statements	Reasons
1. $\overline{AB} \cong \overline{CD}$	1. _____
2. _____	2. Given
3. _____	3. _____
4. _____	4. _____

13. Complete the proof.

Given: $\overline{PR} \cong \overline{TR}$ and $\angle P \cong \angle T$

Prove: $\angle Q \cong \angle S$

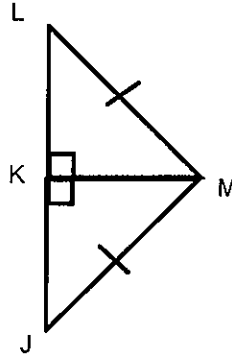


Statements	Reasons
1. $\overline{PR} \cong \overline{TR}$	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____

14. Complete the proof.

Given: $\overline{LM} \cong \overline{JM}$

Prove: $\triangle LKM \cong \triangle JKM$

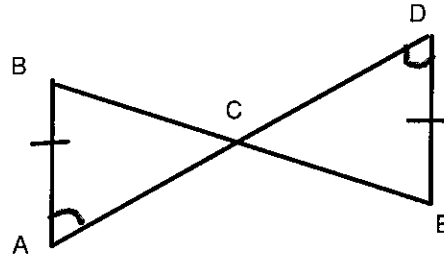


Statements	Reasons
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____

15. Complete the proof.

Given: $\overline{AB} \cong \overline{ED}$ and $\angle A \cong \angle D$

Prove: $\overline{BC} \cong \overline{EC}$



Statements	Reasons
1. $\overline{AB} \cong \overline{ED}$	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____