Name:_____

Geometry Triangles Test Review

1. What are the five ways to show triangles to be congruent?

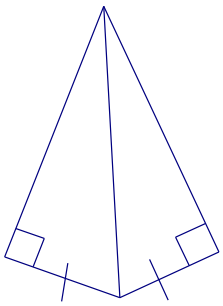
2. What does the abbreviation CPCTC mean?

3. If $\Delta KYL \cong \Delta DNS$, give the 6 pairs of congruent corresponding parts.

Angles	Side lengths
1.	4.
2.	5.
3.	6.

For #4-7, Is there enough information to prove the triangles congruent? If so, state the congruence postulate you would use.

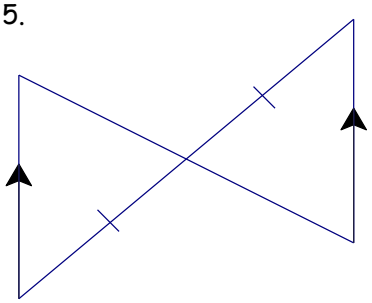
4.



Yes / No

Reason: _____

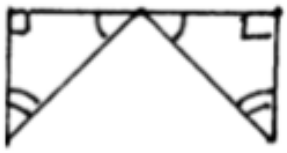
5.



Yes / No

Reason: _____

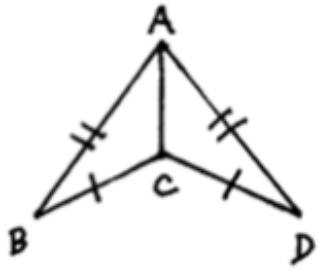
6.



Yes / No

Reason: _____

7.

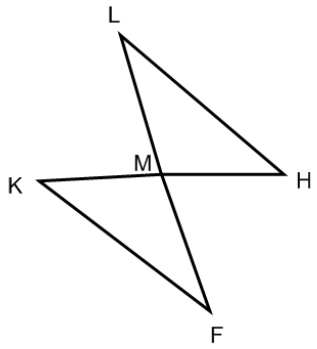


Yes / No

Reason: _____

8.
Complete the proof.

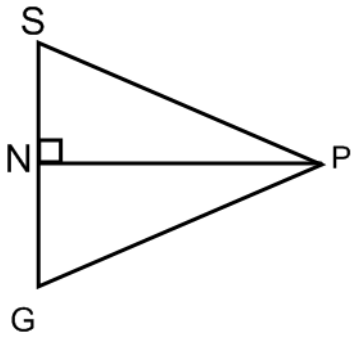
Given: M *is the midpoint of* $\overline{LF}$ & $\overline{KH}$
Prove:. $\Delta\, FMK \cong \Delta\, LMH$



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4. By SAS

9. Complete the proof by using CPCTC.

Given: $\overline{PN}$ *bisects* $\angle SPG$, $\angle SNP = 90°$
Prove: $\angle S \cong \angle G$



Statements	Reasons
1.	1. GIVEN
2.	2.
3.	3.
4.	4. By ASA
5.	5.