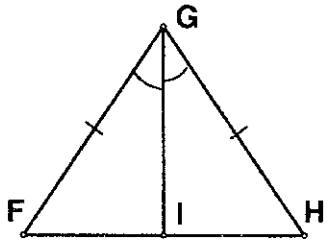
Name - _____ Period - _____

Triangle Congruence Worksheet

For each pair to triangles, state the postulate or theorem that can be used to conclude that the triangles are congruent.

1. _____



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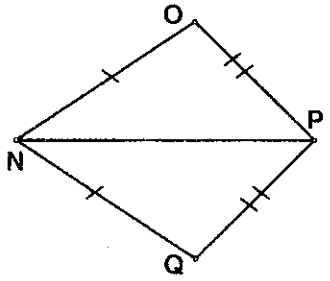

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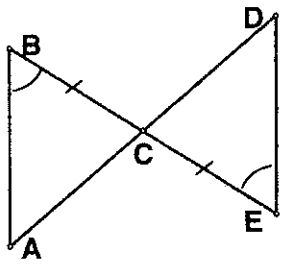

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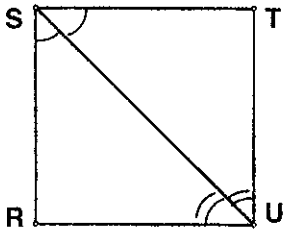

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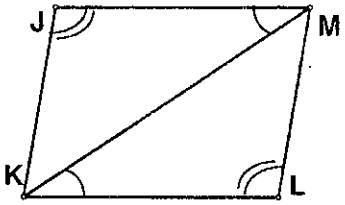

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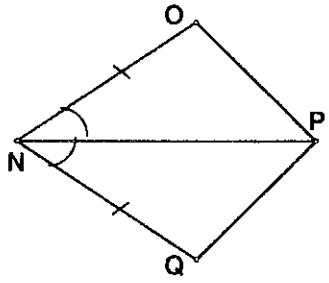

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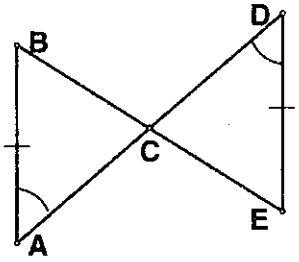

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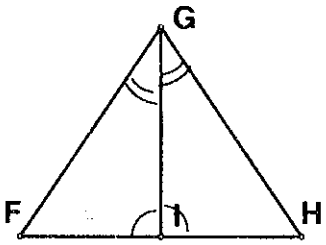

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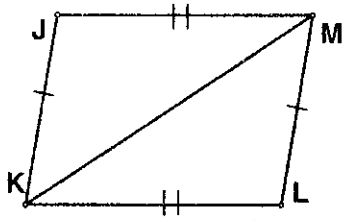

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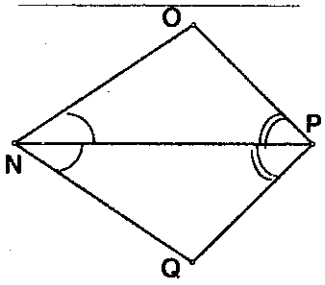

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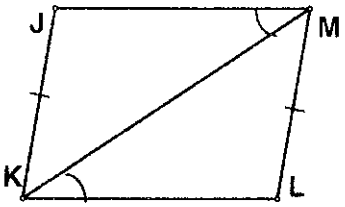

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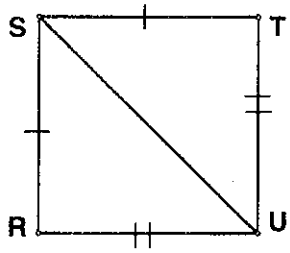
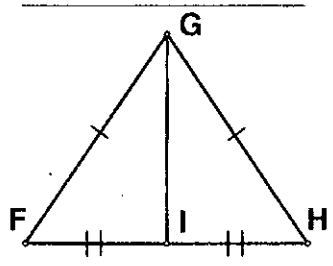


Name - _____ Period - _____

13. _____



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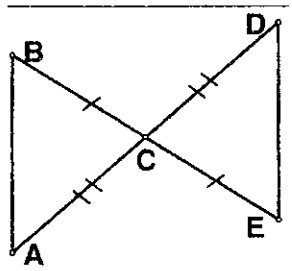

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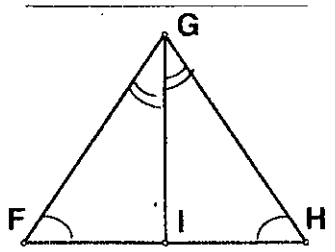

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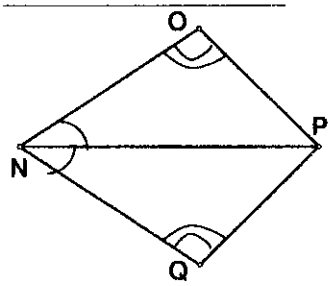

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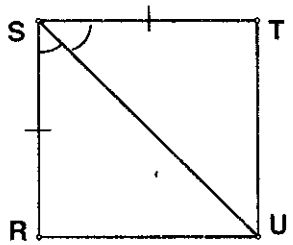

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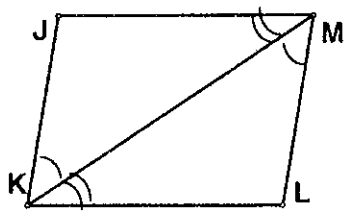


For each set of triangles above, complete the triangle congruence statement.

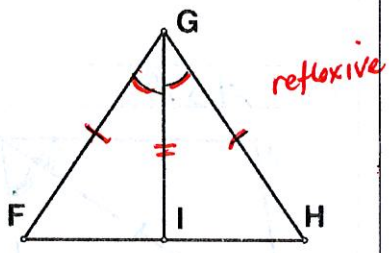
1. $\Delta FIG \cong \Delta$_____
2. $\Delta NOP \cong \Delta$_____
3. $\Delta ABC \cong \Delta$_____
4. $\Delta STU \cong \Delta$_____
5. $\Delta JKM \cong \Delta$_____
6. $\Delta OPN \cong \Delta$_____
7. $\Delta ACB \cong \Delta$_____
8. $\Delta GFI \cong \Delta$_____
9. $\Delta KLM \cong \Delta$_____
10. $\Delta PON \cong \Delta$_____
11. $\Delta KJM \cong \Delta$_____
12. $\Delta SUR \cong \Delta$_____
13. $\Delta FIG \cong \Delta$_____
14. $\Delta CAB \cong \Delta$_____
15. $\Delta FGI \cong \Delta$_____
16. $\Delta NOP \cong \Delta$_____
17. $\Delta RUS \cong \Delta$_____
18. $\Delta JKM \cong \Delta$_____

Name - KEY Period - _____

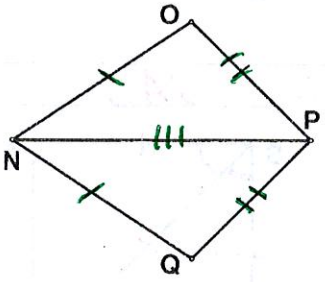
Triangle Congruence Worksheet

For each pair to triangles, state the postulate or theorem that can be used to conclude that the triangles are congruent.

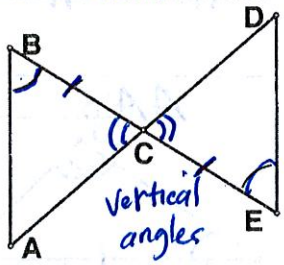
1. SAS



2. SSS



3. ASA



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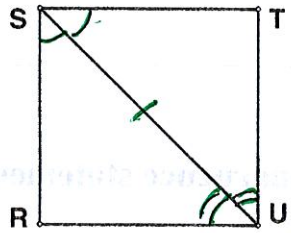

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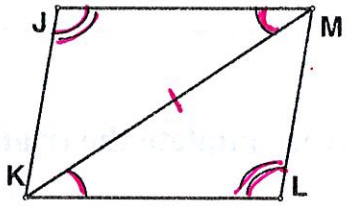
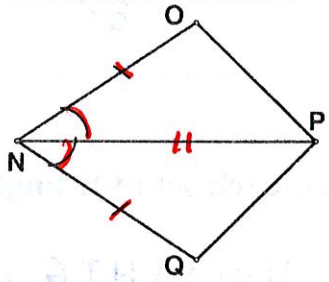


6. SAS



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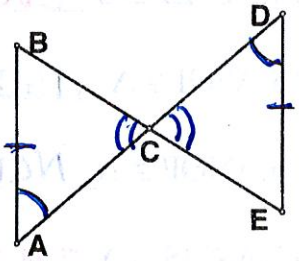
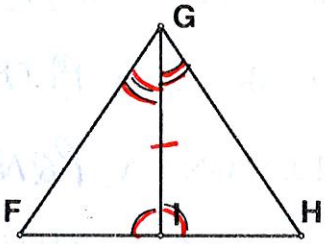
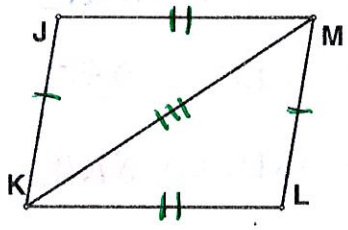


8. ASA



9. SSS



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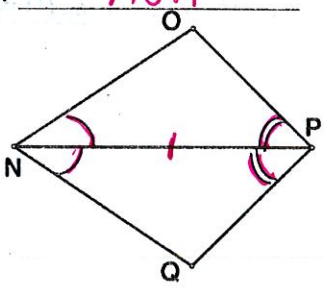
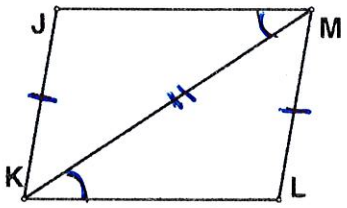
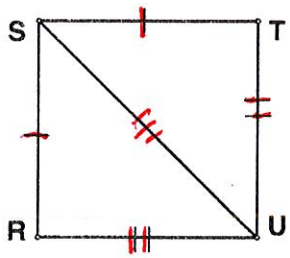


11. NOT ≅

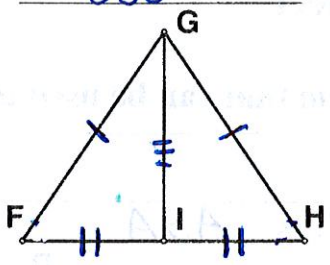


12. SSS

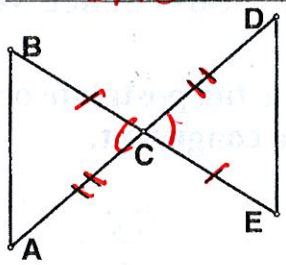


Name - _____ Period - _____

13. SSS



14. SAS



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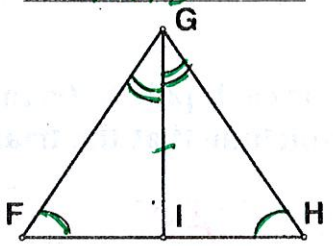

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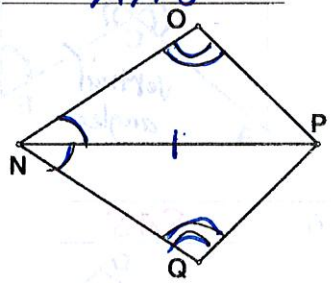
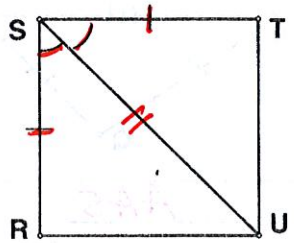


17. SAS



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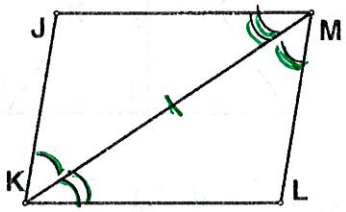

For each set of triangles above, complete the triangle congruence statement.

1. ΔFIG ≅ Δ HIG
2. ΔNOP ≅ Δ NQP
3. ΔABC ≅ Δ DEC
4. ΔSTU ≅ Δ SRU
5. ΔJKM ≅ Δ LMK
6. ΔOPN ≅ Δ QPN
7. ΔACB ≅ Δ DCE
8. ΔGFI ≅ Δ GHI
9. ΔKLM ≅ Δ MJK
10. ΔPON ≅ Δ PQN
11. ΔKJM ≅ Δ MLK
12. ΔSUR ≅ Δ SUT
13. ΔFIG ≅ Δ HIG
14. ΔCAB ≅ Δ CDE
15. ΔFGI ≅ Δ HGI
16. ΔNOP ≅ Δ NQP
17. ΔRUS ≅ Δ TUS
18. ΔJKM ≅ Δ LMK