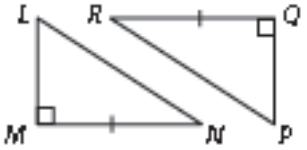
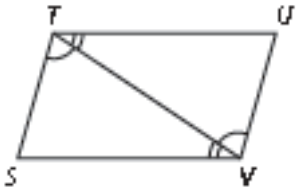
Name_____ Class_____ Date_____

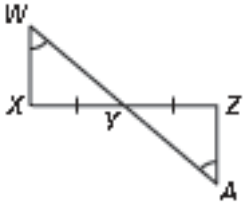
Practice 4-3

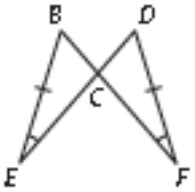
Triangle Congruence by ASA and AAS

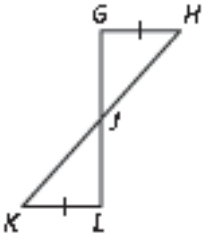
Tell whether the ASA Postulate or the AAS Theorem can be applied directly to prove the triangles congruent. If the triangles cannot be proved congruent, write *not possible.*

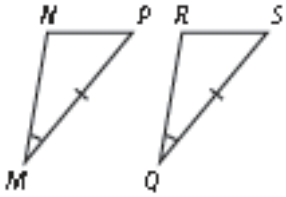
1. 

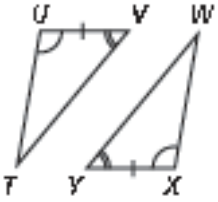
2. 

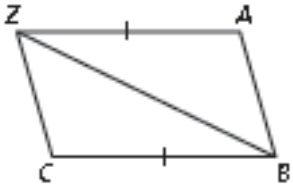
3. 

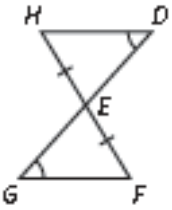
4. 

5. 

6. 

7. 

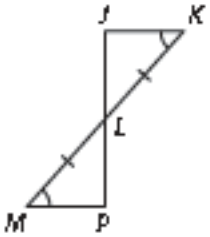
8. 

9. 

10. Write a two-column proof.

Given: $\angle K \cong \angle M$, $\overline{KL} \cong \overline{ML}$

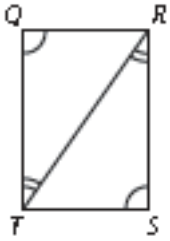
Prove: $\triangle JKL \cong \triangle PML$



11. Write a flow proof.

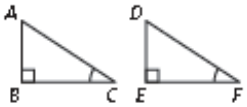
Given: $\angle Q \cong \angle S$, $\angle TRS \cong \angle RTQ$

Prove: $\triangle QRT \cong \triangle STR$

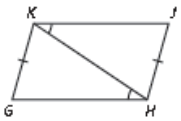


What else must you know to prove the triangles congruent for the reason shown?

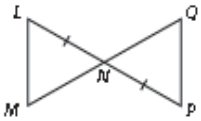
12. ASA



13. AAS



14. ASA



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