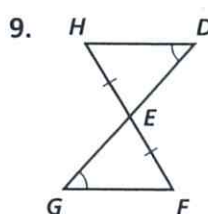
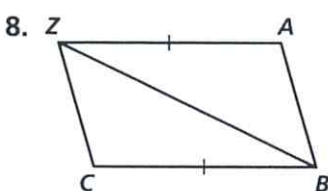
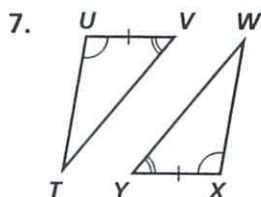
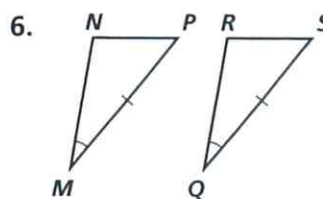
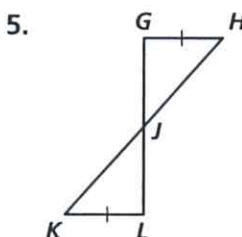
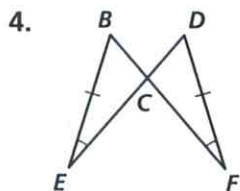
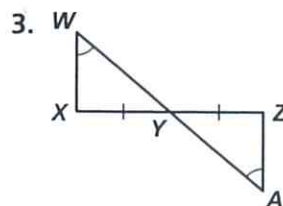
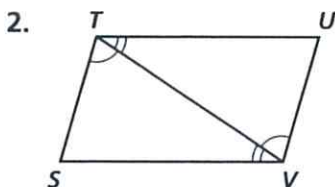
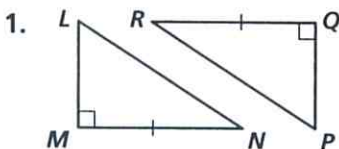


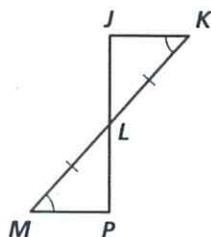
Practice 4-3

Triangle Congruence by ASA and AAS

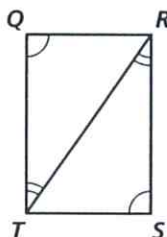
- On 1-9:
- Can any other sides or angles be marked $\cong$? If so, why? (write the theorem, postulate, etc.)
 - Can the Δ 's be proven $\cong$? If so, write the congruence statement. (ex: $\Delta EFG \cong \Delta PQR$)
 - If the triangles are $\cong$, then state if ASA or AAS would be used to prove it.



10. Write a two-column proof.
Given: $\angle K \cong \angle M$, $\overline{KL} \cong \overline{ML}$
Prove: $\Delta JKL \cong \Delta PML$

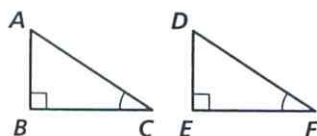


11. Write a ~~two~~ ^{2-column} proof.
Given: $\angle Q \cong \angle S$, $\angle TRS \cong \angle RTQ$
Prove: $\Delta QRT \cong \Delta STR$

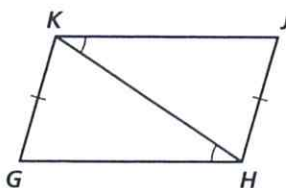


What else must you know to prove the triangles congruent for the reason shown?

12. ASA



13. AAS



14. ASA

