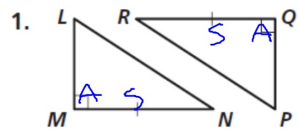
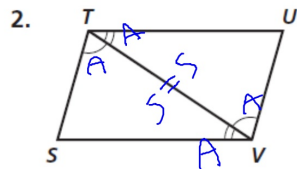


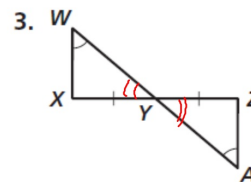
Tell whether the ASA Postulate or the AAS Theorem can be applied directly to prove the triangles congruent. If the triangles cannot be proved congruent, write *not possible*.



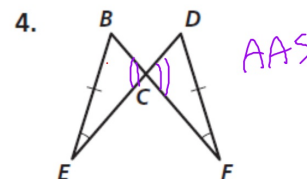
NOT Possible



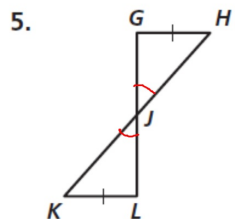
ASA



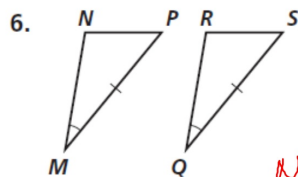
AAS



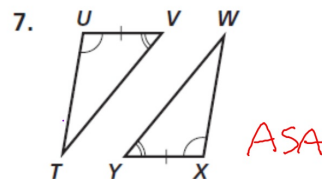
AAS



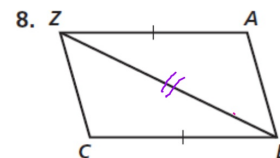
NOT Possible



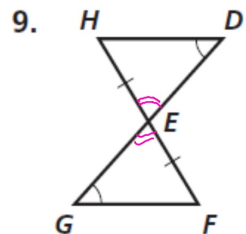
NOT possible



ASA



NOT Possible

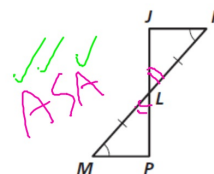


AAS

10. Write a two-column proof.

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

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



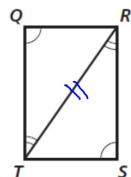
ASA

STATEMENT	REASON
1. $\angle K \cong \angle M$, $\overline{KL} \cong \overline{ML}$	1. Given
2. $\angle JLK \cong \angle MLP$	2. vert. $\angle$'s
3. $\triangle JKL \cong \triangle PML$	3. ASA

11.

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

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

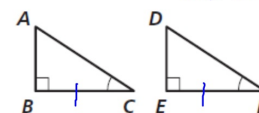


AAS

1. $\angle Q \cong \angle S$, $\angle TRS \cong \angle RTQ$	1. Given
2. $\overline{TR} \cong \overline{TR}$	2. Reflexive property
3. $\triangle QRT \cong \triangle STR$	3. AAS

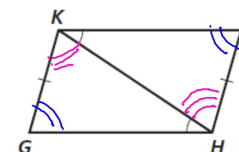
What else must you know to prove the triangles congruent for the reason shown?

12. ASA



$\overline{BC} \cong \overline{EF}$

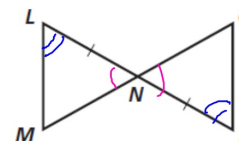
13. AAS



$\angle J \cong \angle K$
or

$\angle K \cong \angle J$

14. ASA



$\angle L \cong \angle P$