

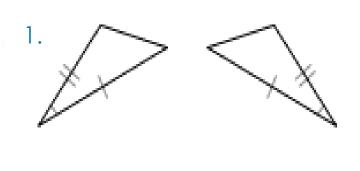
Triangle Congruence Theorems

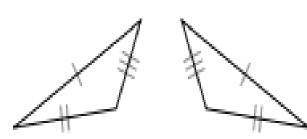


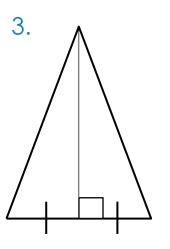


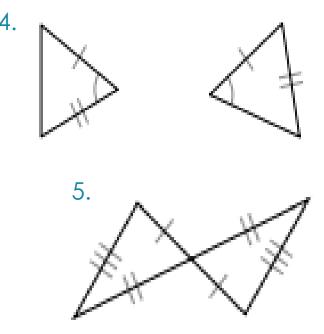
SAS, SSS, SSA OR NONE OF THESE?

Determine whether the two triangles could be proven congruent by SSS, SAS, SSA or *none of these*. Draw any implied info in the picture & justify your answer. **TIP: Check the marks on BOTH triangles!



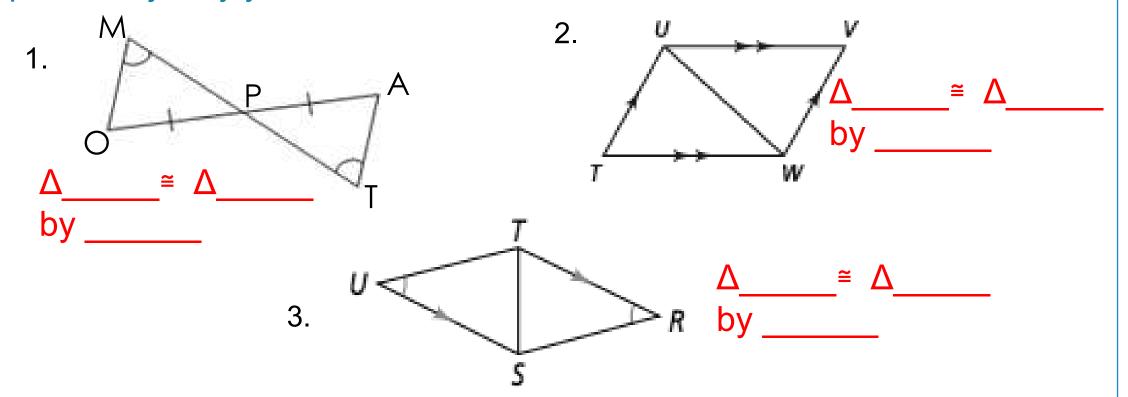






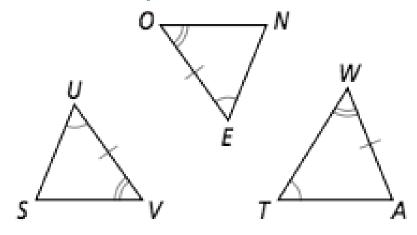
ASA, AAS, or neither?

If possible, determine which triangles must be congruent (write a congruence statement). Draw any implied info in the picture & justify your answer.

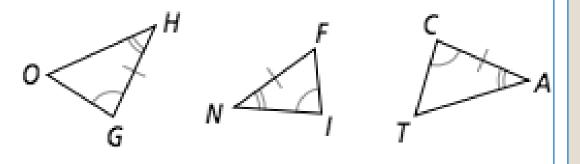


Write a congruence statement for the two triangles that could be proven congruent by <u>ASA</u>.

Example:



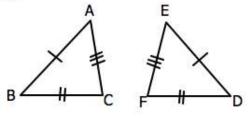
YOU TRY!



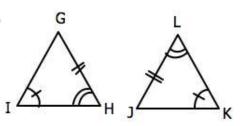
Which theorem could be used to prove the triangles are congruent (SSS, SAS, ASA, AAS)? Or write not enough information.

Remember to draw on your picture when necessary.

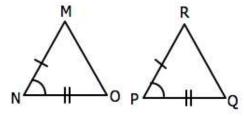
1



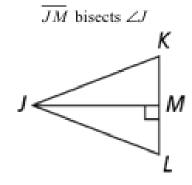
2.



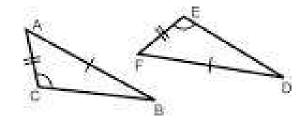
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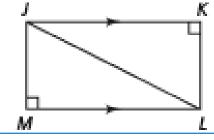
4.



5.



6.

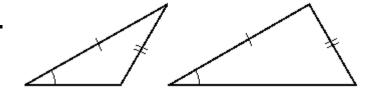


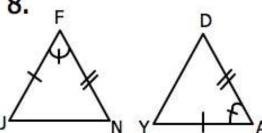
YOU TRY!

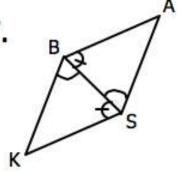
Which theorem could be used to prove the triangles are congruent (SSS, SAS, ASA, AAS)? Or write not enough information.

Remember to draw on your picture when necessary.

6.







9.

