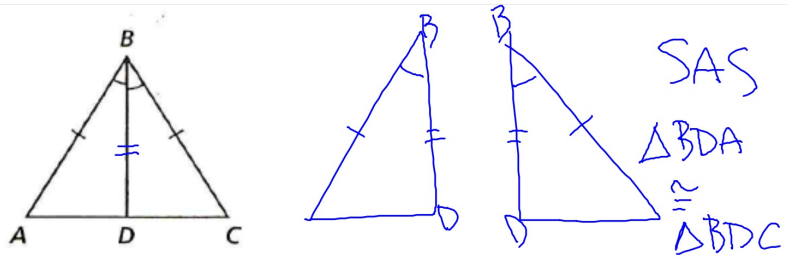
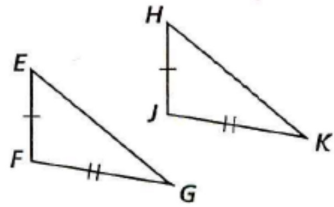


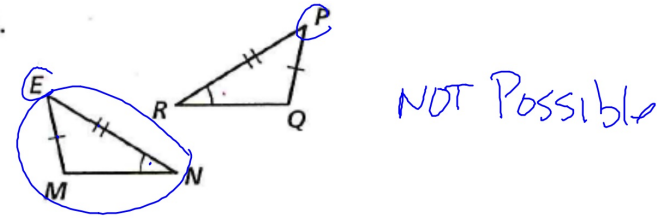
1.



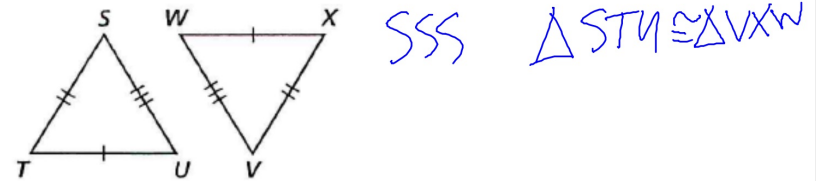
2.



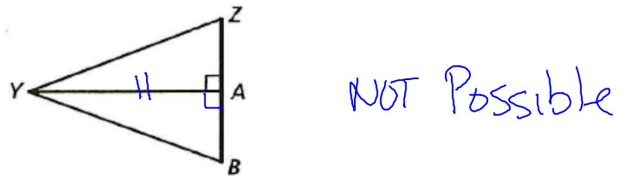
3.



4.



5.



6.

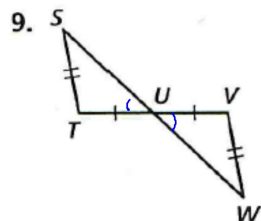


7.



8.





NOT Possible

Draw a triangle. Label the vertices A , B , and C .

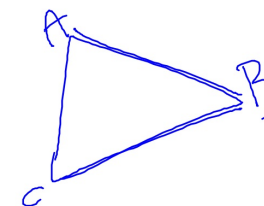
10. What angle is between $\overline{BC}$ and $\overline{AC}$? $\angle C$

11. What sides include $\angle B$? $\overline{AB}$ & $\overline{BC}$

12. What angles include $\overline{AB}$? $\angle A$ & $\angle B$

13. What side is included between $\angle A$ and $\angle C$?

$\overline{AC}$



14. **Developing Proof** Supply the reasons in this proof.

Given: $\overline{AB} \cong \overline{DC}$, $\angle BAC \cong \angle DCA$

Prove: $\triangle ABC \cong \triangle CDA$

Statements

1. $\overline{AB} \cong \overline{DC}$, $\angle BAC \cong \angle DCA$

2. $\overline{AC} \cong \overline{CA}$

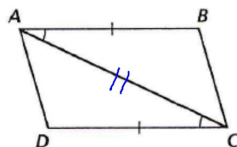
3. $\triangle ABC \cong \triangle CDA$

Reasons

a. Given

b. Reflexive

c. SAS

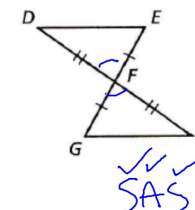


✓✓✓
SAS

15. Write a proof.

Given: $\overline{EF} \cong \overline{FG}$, $\overline{DF} \cong \overline{FH}$

Prove: $\triangle DFE \cong \triangle HFG$



1. $\overline{EF} \cong \overline{FG}$ $\overline{DF} \cong \overline{FH}$	1. Given
2. $\angle DFE \cong \angle HFG$	2. Vert L's
3. $\triangle DFE \cong \triangle HFG$	3. SAS