

Geometry

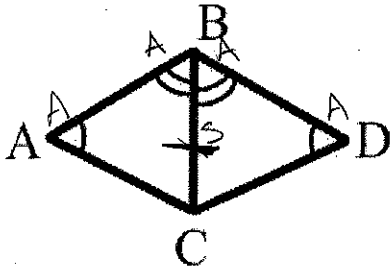
Ticket - Triangle Congruence

Name: Key

Date _____

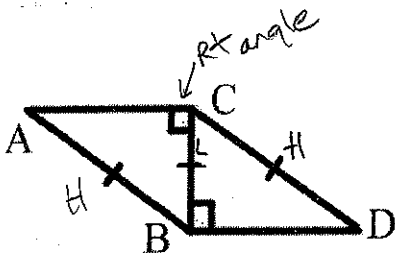
Make any appropriate markings on the triangles if needed. Determine whether the triangles are congruent. If they are, write a congruence statement explaining why they are congruent. If they are not, circle no congruence.

1.



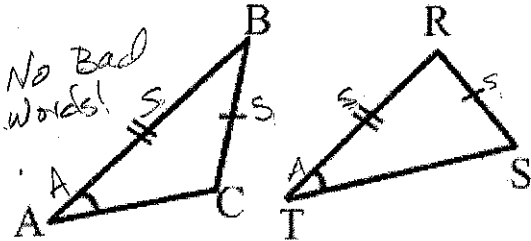
$\triangle ABC \cong \triangle DCB$ by AAS no congruence

2.



$\triangle ABC \cong \triangle DCB$ by HL no congruence

3.



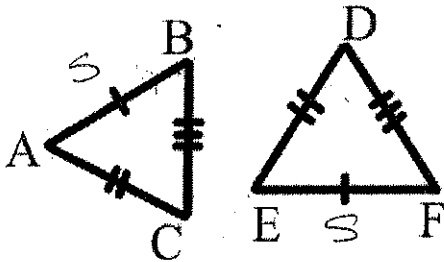
$\triangle ABC \cong \triangle$ _____ by _____ no congruence

4.



$\triangle ABC \cong \triangle DEC$ by SAS no congruence

5.



$\triangle ABC \cong \triangle EFD$ by SSS no congruence