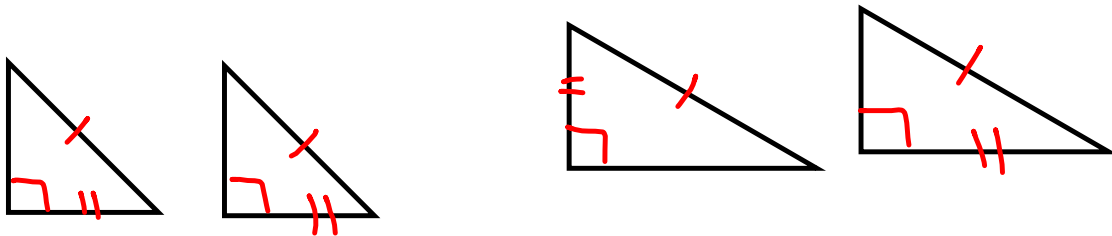


#### 5.4 Hypotenuse-Leg Congruence Theorem: HL

Objective: Use the HL Congruence Theorem and summarize congruence postulates and theorems.

Hypotenuse-Leg Congruence Theorem (HL) - If the hypotenuse and a leg of a right triangle are congruent to the hypotenuse and the corresponding leg of a second right triangle, then the two triangles are congruent.



Checkpoint at the bottom of page 259.

Summary of Triangle Congruence Postulates and Theorems:

SSS

SAS

ASA

AAS

HL

\*Remember, no naughty triangles!\*