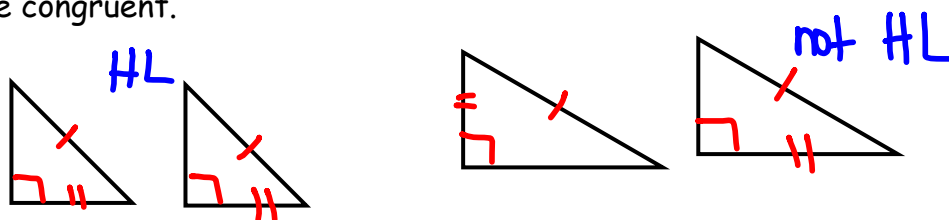


5.4 Hypotenuse-Leg Congruence Theorem: HL

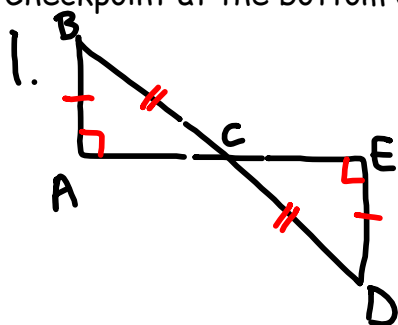
Objective: Use the HL Congruence Theorem and summarize congruence postulates and theorems.

only right triangles

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.

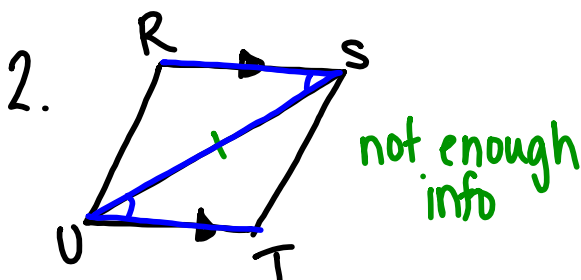


Checkpoint at the bottom of page 259.

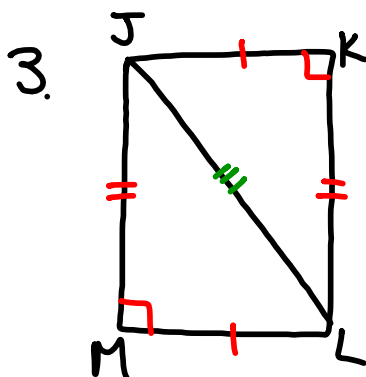


HL

SSS
SAS
ASA
AAS
HL
not enough info



not enough info



SAS
SSS
HL

Summary of Triangle Congruence Postulates and Theorems:

SSS

SAS

ASA

AAS

HL

Remember, no naughty triangles!

Name

5.4

pg. 260-262 # 1-12

15-24

29-32

Notes 5.5