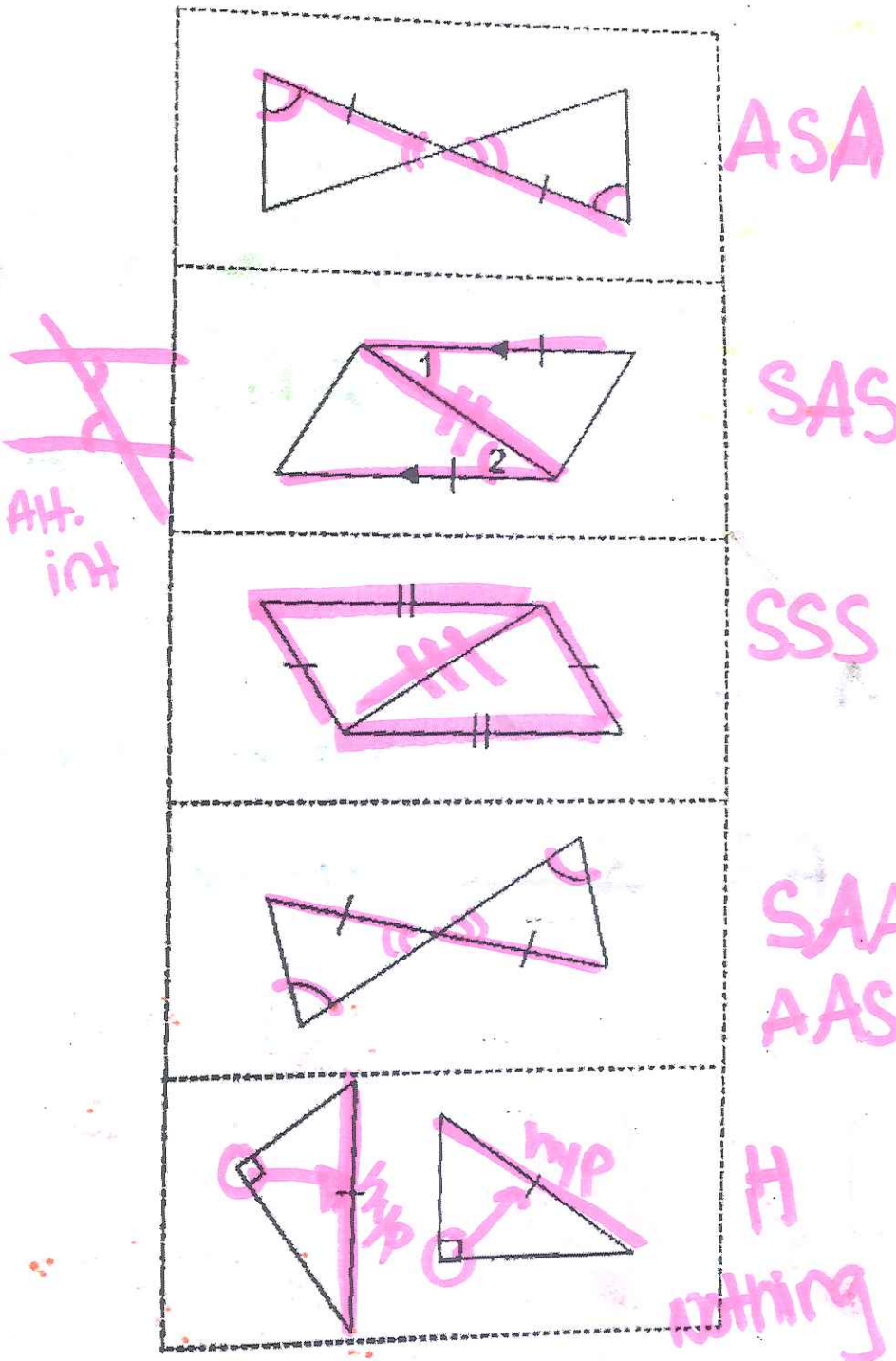
AAS

angle-angle-side



SSS

side-side-side

ASA

angle-side-angle

SAS

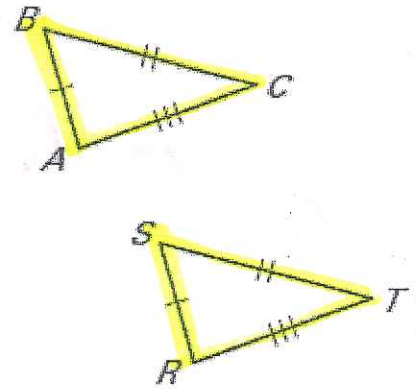
side-angle-side

FALSE SHORTCUTS

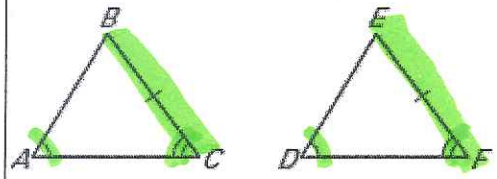
HL

hypotenuse-leg

If 3 sides of one triangle are ≅ to 3 sides of another triangle, then the triangles are ≅



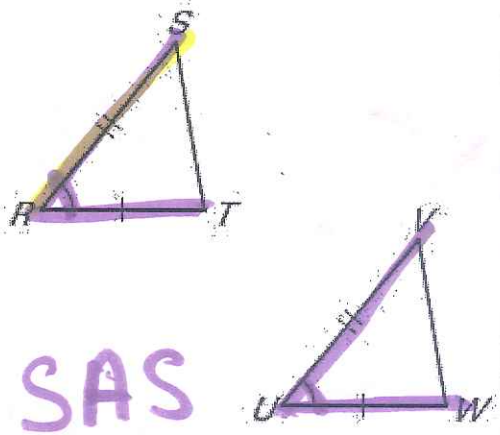
SSS



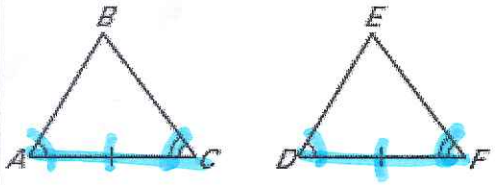
AAS or SAA

If 2 angles and the non-included side of one triangle are ≅ to two angles and the corresponding non-included side of another triangle, then the triangles are ≅

If 2 sides and the included angle of one triangle are ≅ to 2 sides and the included angle of another triangle, then the triangles are ≅



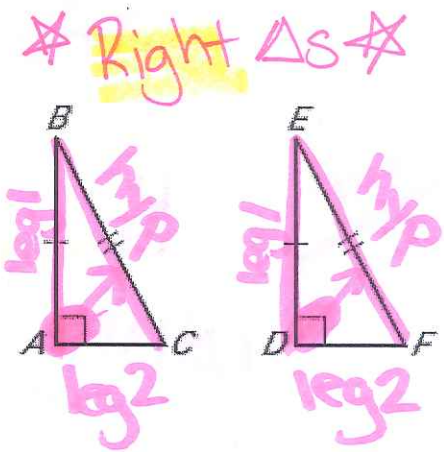
SAS

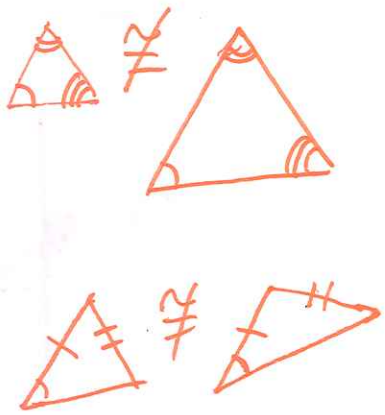


ASA

If 2 angles and the included side of one triangle are ≅ to 2 angles and the included side of another triangle, then the triangles are ≅

If the hypotenuse and a leg of a right triangle are congruent to the hypotenuse and a leg of another right triangle, then the two triangles are ≅.





AAA and ASS or SSA do not work to prove that triangles are congruent.