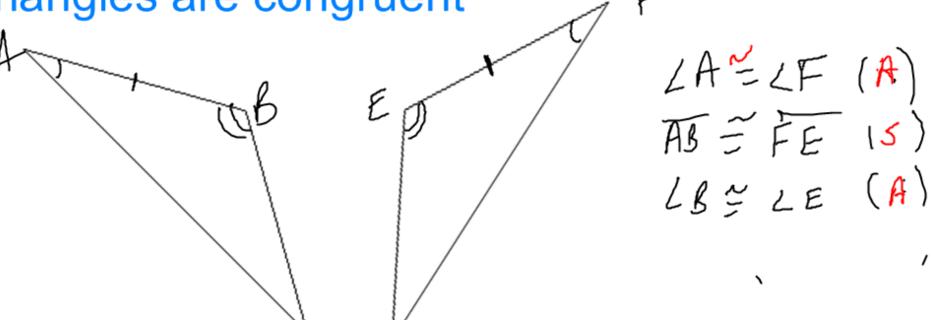
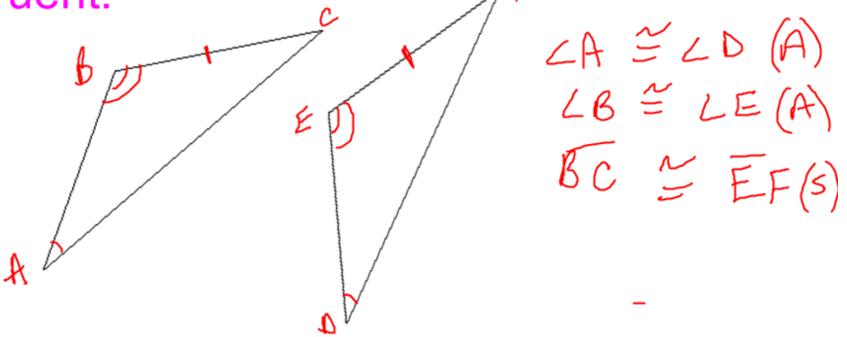
ASA Angle-Side-Angle Congruence

If two angles and the included side of one triangle are congruent to two angles and the included side of another triangle, then the triangles are congruent



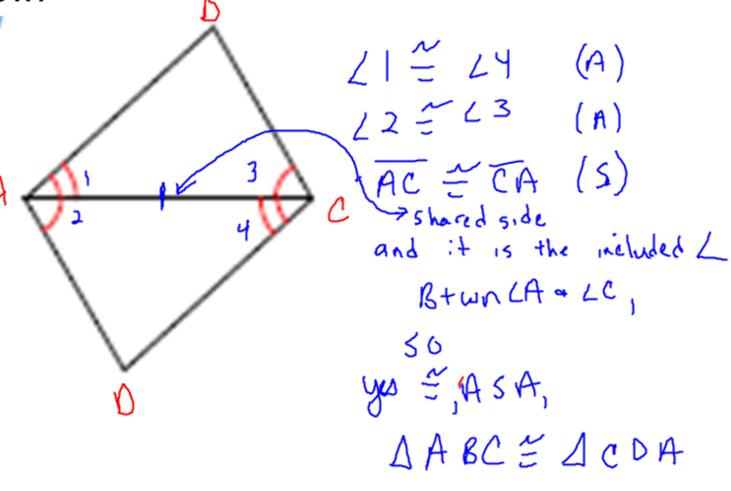
AAS Angle-Angle-Side Congruence

If two angles and the nonincluded side of one triangle are congruent to the corresponding two angles and side of a second triangle, then the two triangles are congruent.



State if the two triangles are congruent. If they are, state how

you know.



State if the two triangles are congruent. If they are, state how

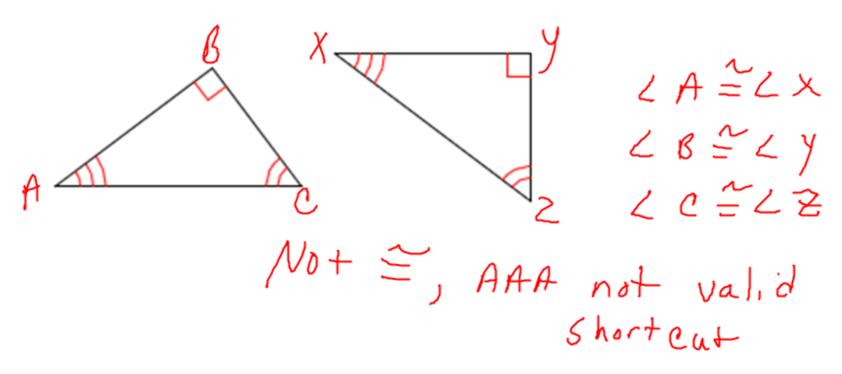
you know.

Xy = mN

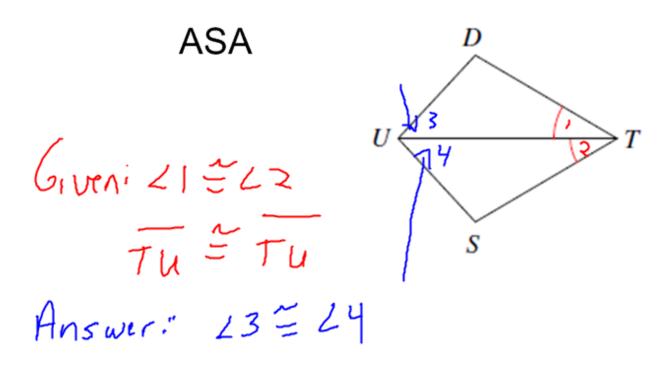
$$2x = 2m$$

 $21 = 22$
(vertical 2's) X
yps, AAS, $1 \times yz = mNz$

State if the two triangles are congruent. If they are, state how you know.



State what additional information is required in order to know that the triangles are congruent for the reason given.



State what additional information is required in order to know that the triangles are congruent for the reason given.

