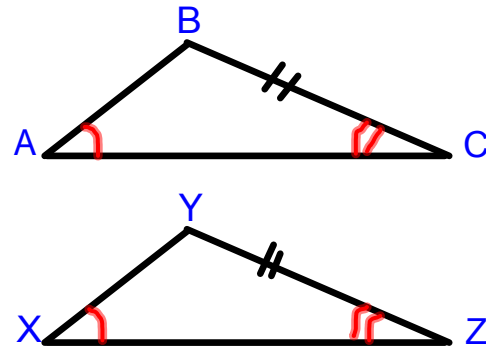


Theorem 5.4

AAS Postulate

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

$$\text{IF } \begin{array}{l} \angle A \cong \angle X \\ \angle C \cong \angle Z \\ \overline{BC} \cong \overline{YZ} \end{array}$$



THEN

$$\triangle ABC \cong \triangle XYZ$$
