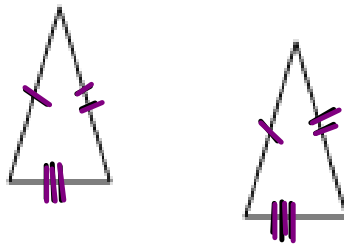


## Congruence Postulates Foldable

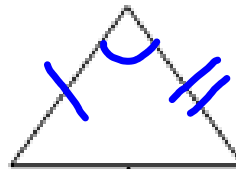
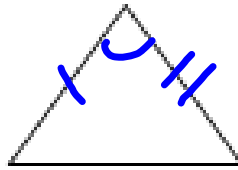
**SSS** (Side-Side-Side)



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

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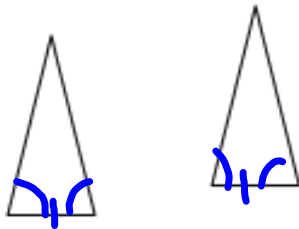
**SAS** (Side-Angle-Side)



If two sides and the included angle of one triangle are congruent to two sides and the included angle of another triangle, then the triangles are congruent.

## Congruence Postulates Foldable

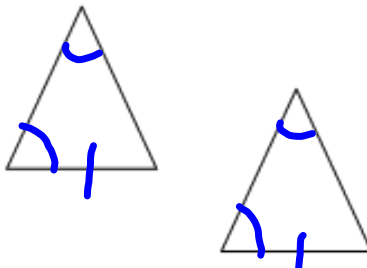
**ASA** (Angle-Side-Angle)



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.

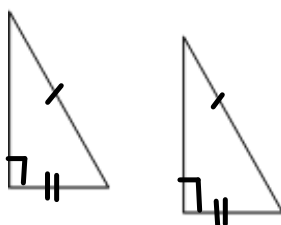
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**AAS** (Angle-Angle -Side)



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

**HL** (Hypotenuse Leg)



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

## False Shortcuts

Angle, Angle, Angle (AAA) and Side, Side, Angle, (SSA)  
DO NOT WORK to prove that triangles are congruent.

