

1) Congruent Triangles are two triangles that have three congruent _____, and three _____ sides.

When naming congruent triangles, always name them in _____.

If the Triangles are congruent, then you can also state the transformation from the original triangle as a translation, reflection, or rotation.

Two type of Triangle Congruence:

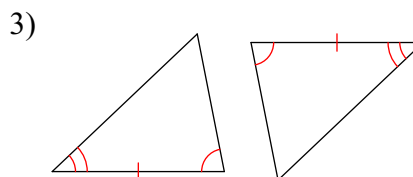
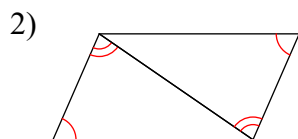
ASA (Angle-Included Side-Angle):

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

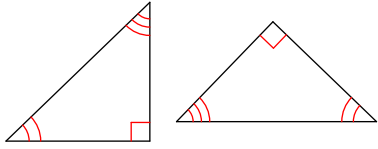
AAS (Angle-Angle-Side)

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

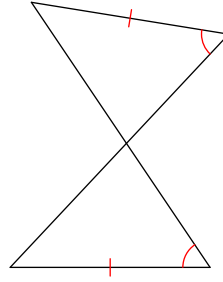
Given two angles and a side, determine if the two triangles are congruent. State how you know. If they are, state the congruence and the transformation.



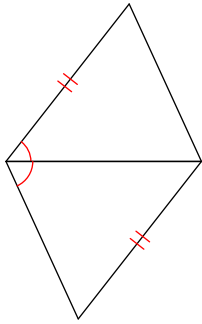
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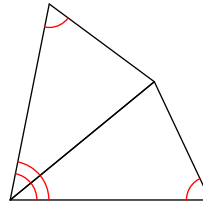
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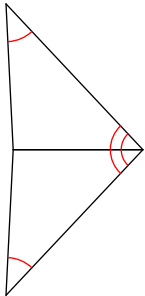
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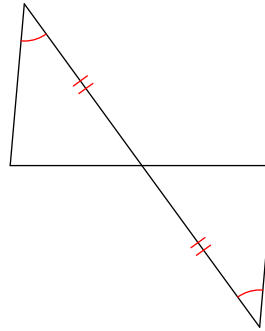
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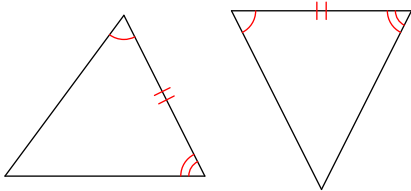
8)



9)



10)



11)

