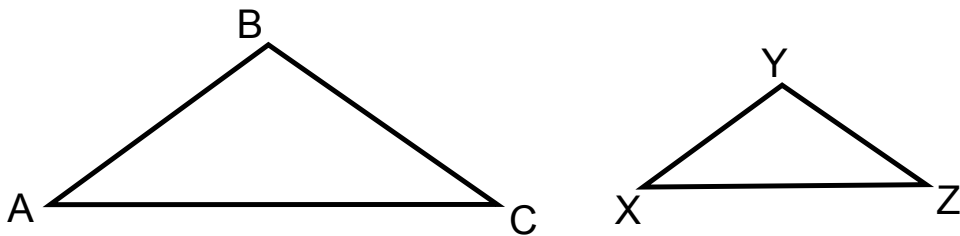
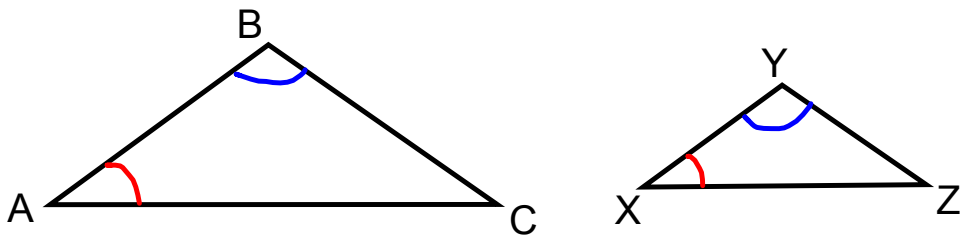


Theorem 53: If two angles of one triangle are congruent to two angles of a second triangle, then the third angles are congruent.  
*(No-Choice Theorem)*

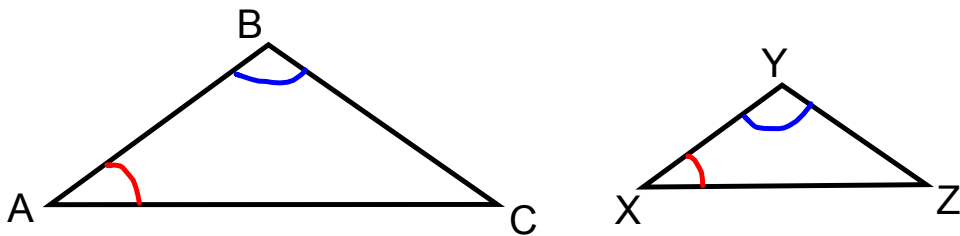
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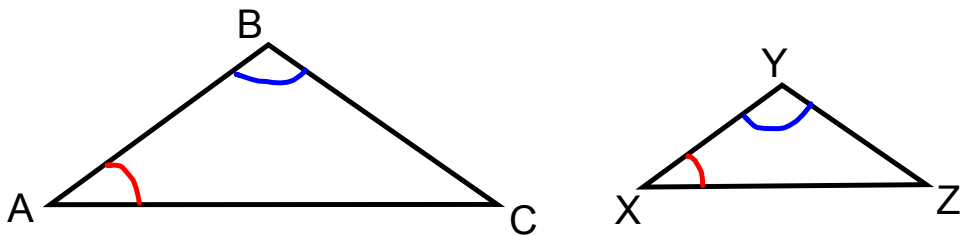
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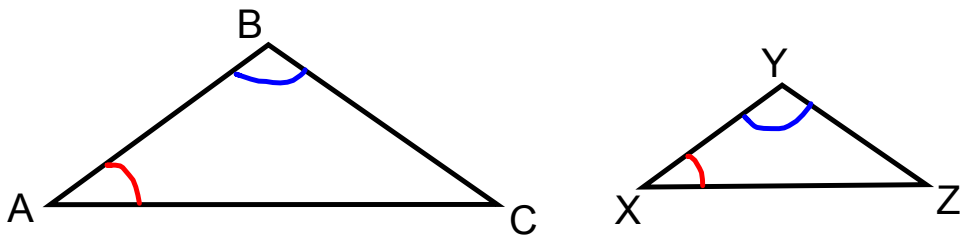
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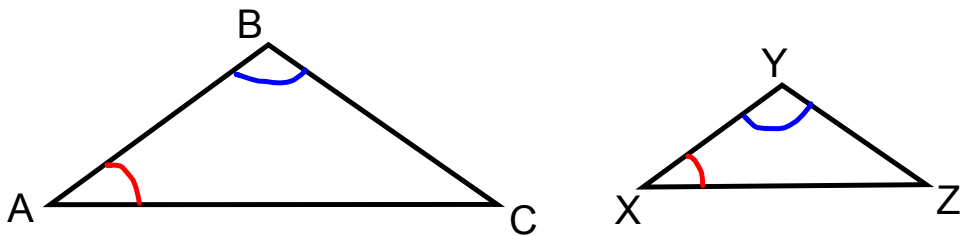
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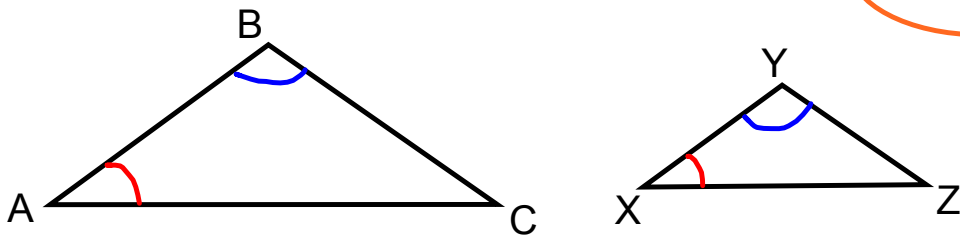
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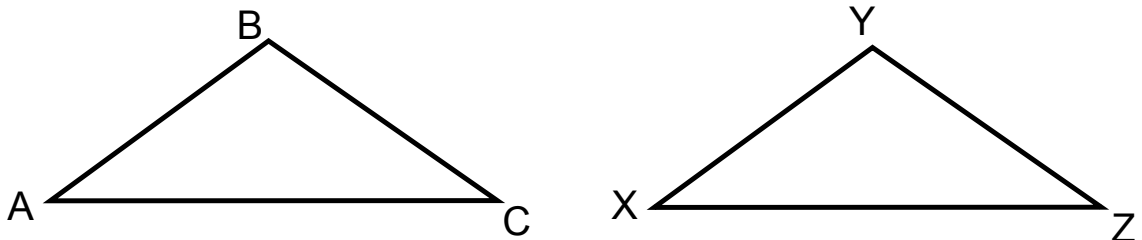
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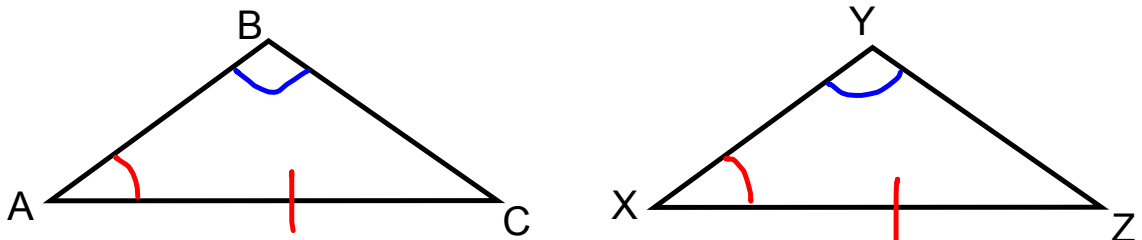


Theorem 54: If there exists a correspondence between the vertices of two triangles such that two angles and a nonincluded side of one are congruent to the corresponding parts of the other, then the triangles are congruent.  
(AAS)

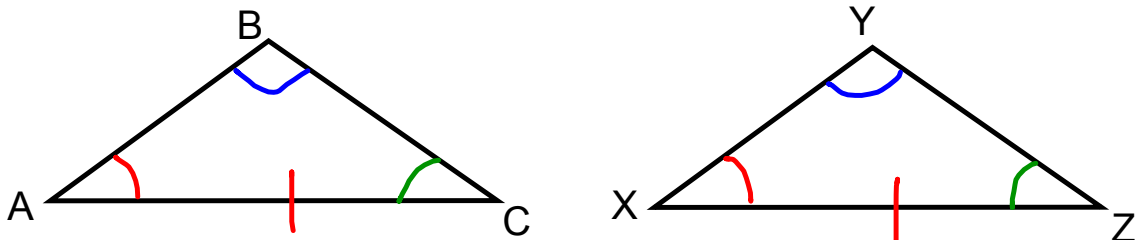
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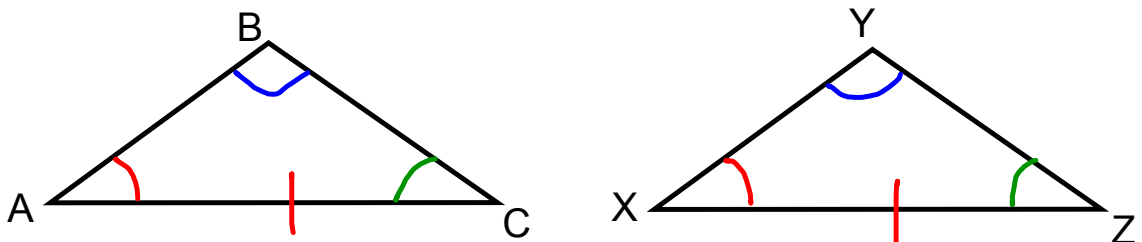
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The two triangles are congruent by ASA.

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