

SAS

Side-  
Angle-  
Side

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AAS

Angle-  
Side-  
Angle

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NOT

$\cong$

SSS

Side-  
Side-  
Side

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ASA

Angle-  
Side-  
Angle

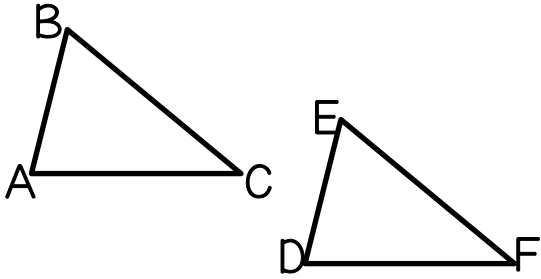
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HL

Hypotenuse-  
Leg

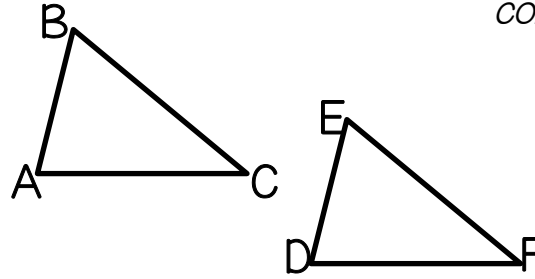
# SSS

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



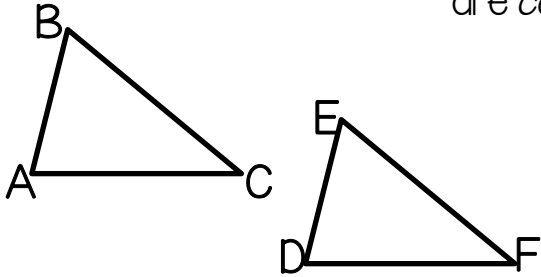
# SAS

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



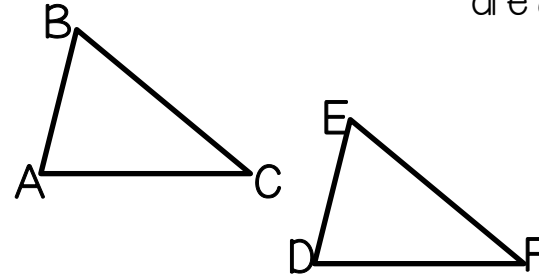
# ASA

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



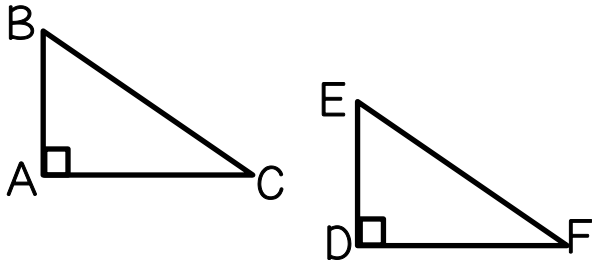
# AAS

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



# HL

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



# NOT $\cong$