HL Triangle Congruence Theorem

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States that if the hypotenuse and one leg of a right triangle are congruent to the hypotenuse and one leg of another right triangle, then the two triangles are congruent

If $\overline{AC} \cong \overline{EF}$ & $\overline{BC} \cong \overline{GF}$, then

$\triangle ABC \cong \triangle EGF$

$a^2 + b^2 = c^2$

SSS

hypotenuse

4 Leg

hypotenuse

4 Leg

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