## Pythagorean Theorem

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Hypotenuse
In a right angled triangle: the square of the hypotenuse is equal to the sum of the squares of the other two sides.
$a^{2}+b^{2}=c^{2}$
the longest side of a right triangle


Pythagoream Theoremt $c^{2}=a^{2}+b^{2}$



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