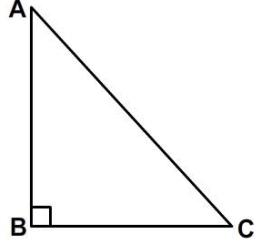


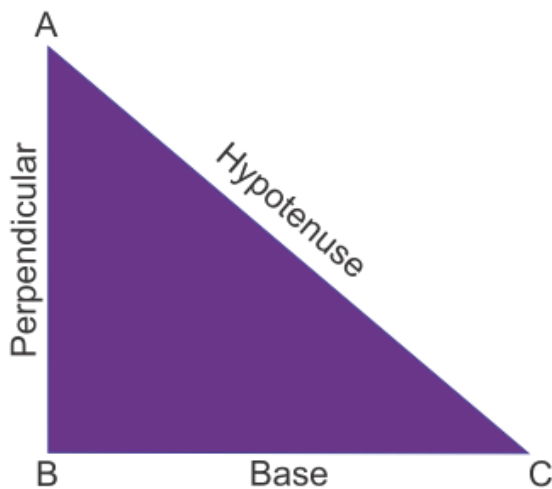
## Pythagoras Theorem

	<p><b>Right angled triangle</b></p> <p>A right angled triangle has only one right angle and the other two angles are acute</p> <p>The side opposite to the right angle is called the hypotenuse</p> <p>Side AC is the hypotenuse</p>
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## Pythagoras Theorem

In a right angled triangle, the square of the hypotenuse is equal to the sum of squares of its other two sides.

$$(AC)^2 = (AB)^2 + (BC)^2$$



### Pythagorean Triplets :

Three positive numbers a, b, c in this order, are said to form a Pythagorean triplet, if  $c^2 = a^2 + b^2$