

the Pythagorean Theorem

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What is the Pythagorean Theorem?

The Pythagorean Theorem is a formula used in geometry.

And the formula for it is $a^2 + b^2 = c^2$

How do you use it?

You use it on a right triangle to either find a^2 , b^2 , or c^2

To find c^2 you should do $a^2 + b^2$ and then square root the sum, that would give you c^2 . Also, c^2 should always be a bigger number than a^2 and b^2 .

So how do you find a^2 and b^2 ?

To find a^2 , you would subtract c^2 and b^2 then square root the difference. To find b^2 you would do subtract c^2 and a^2 then square root that difference.

How do you know what numbers are going to be a^2 , b^2 , and c^2 ?

