

Pythagoras Theorem

Pythagoras theorem connects the lengths of two sides of a right-angled triangle with the length of the third side. It only works with right-angled triangles.

Pythagoras theorem is

$$r^2 = x^2 + y^2$$

Where r is always the side opposite the right angle,

and x and y are the other two sides. Pythagoras theorem can be rearranged to find any of the three sides of a triangle. Remember that the length is not r^2 but it is r (i.e. don't forget to root the answer).

About the Author

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