

# Theorems and such

## Definition

A triangle that has a right angle is called a **right triangle**.

## Theorem

*In a right triangle, the square of hypotenuse equals the sum of squares of two other sides.*

## Proof.

Draw line a through points A and B. ...

Proof that the sum of the angles in a triangle is 180 degrees. □

## Example

$$3x^3 + 2x^2 + x + 1 = 0$$