



# Math Encyclopedia

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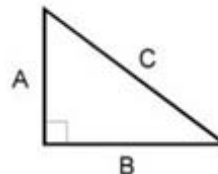
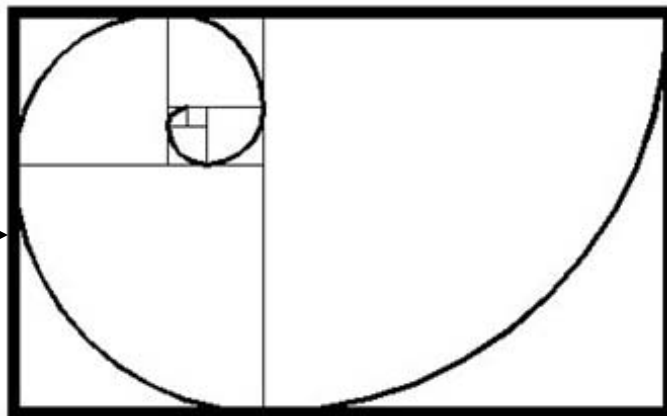
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3.14159265358979323846

## The Pythagorean Theory

states that the square of the short leg A added to the square of the next leg B will equal the square of the long side or hypotenuse C.....[read more](#)

## Working with fractions,

we need to be able to convert the value to a proportional number so we can add or subtract them. As shown in the linked image, by dividing both the numerator and the denominator...[read more](#)

## Analyzing shapes

to determine the volume, surface area, cross-sectional area and perimeter of a component is an essential skill for architects, designers and engineers .....[read more](#)

## Solving for a variable

in simple and complex equations is a task the architects, designers and engineers complete daily..... [read more](#)

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