Download Math Pythagorean Theorem

Pythagoras Theorem

It is called "Pythagoras' Theorem" and can be written in one short equation: $a^2 + b^2 = c^2$. Note: c is the longest side of the triangle; a and b are the other two sides ; Definition. The longest side of the triangle is called the "hypotenuse", so the formal definition is:

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The Pythagorean theorem. The Pythagorean theorem was reportedly formulated by the Greek mathematician and philosopher Pythagoras of Samos in the 6th century BC. It says that the area of the square whose side is the hypotenuse of the triangle is equal to the sum of the areas of the squares whose sides are the two legs of the triangle.

Pythagorean Theorem Worksheets

Pythagorean Theorem Definitions and Examples Worksheets These Pythagorean Theorem Worksheets will produce colorful and visual pages that contain definitions and examples for the Pythagorean Theorem and the Distance Formula. These worksheets are great resources for the 6th Grade, 7th Grade, and 8th Grade.

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So the Pythagorean theorem tells us that A squared-- so the length of one of the shorter sides squared-- plus the length of the other shorter side squared is going to be equal to the length of the hypotenuse squared.

Math Antics

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Pythagorean Theorem Worksheets

Home Math Worksheets > Geometry > Pythagorean Theorem When a triangle has a right-angle, we can use the sum of the squares of each leg of the triangle to find the squared value of the hypotenuse. It can be rearranged to find the length of any of the sides.

Pythagorean Theorem Worksheets

Math Worksheets > Geometry > Pythagorean Theorem; Pythagorean Theorem Worksheets. Triangle Distance Formula Trigonometry. These worksheets have exercises on finding the leg and hypotenuse of a right triangle using the Pythagorean theorem. Pythagorean triple charts with exercises are provided here. Word problems on real time application are ...

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Pythagorean theorem

Geometry portal. In mathematics, the Pythagorean theorem, also known as Pythagoras' theorem, is a fundamental relation in Euclidean geometry among the three sides of a right triangle. It states that the square of the hypotenuse (the side opposite the right angle) is equal to the sum of the squares of the other two sides.

Pythagorean Theorem Calculator

The Pythagorean theorem is a relation used in Euclidean geometry that relates the three sides of a right triangle. In words it states that the sum of the squares of the sides of a right triangle equals the square of the hypotenuse. You can also think of this theorem as the hypotenuse formula.