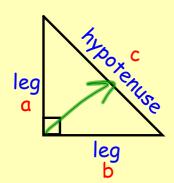
Pythagorean Theorem



The Pythagorean Theorem is a formula used the find a missing side of a right triangle.

It can only be used for right triangles.

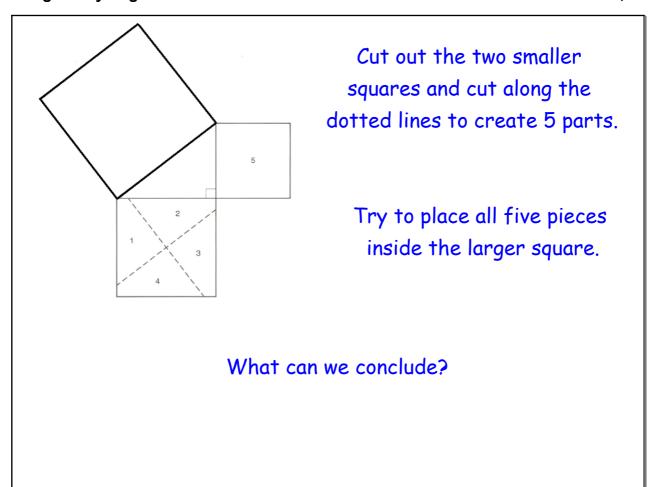
The legs of a right triangle are the two smaller sides. The hypotenuse is always the largest side and is always across from the right angle.

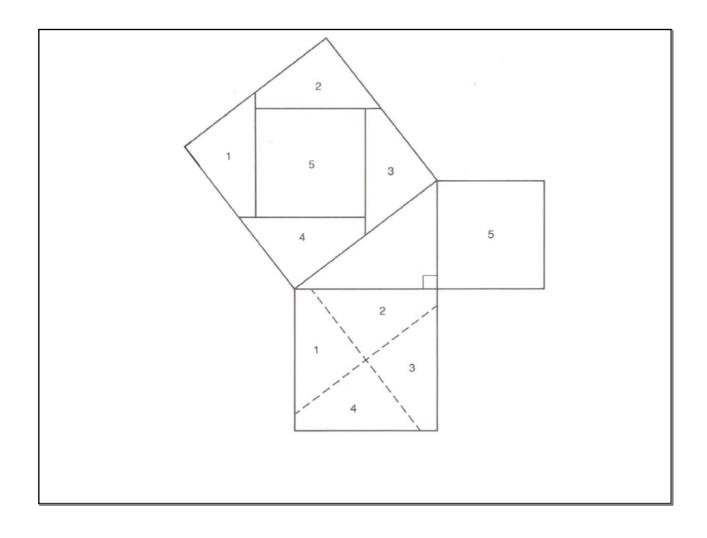
$$a^2 + b^2 = c^2$$

Why does it work?

$$(x^2)^2 \times 6 = \frac{1}{x^6}$$

$$\chi^{-8} = \frac{1}{x^8}$$





3.1 Proving the Pythagorean Theorem.notebook	October 07, 2019