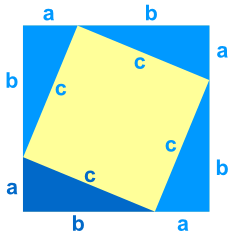
Proof of the Pythagorean Theorem:

Proof with four right triangles and a square-

Given the figure showed on the left, we can prove the Pythagorean Theorem. Consider the area of the larger square. Since the area of a square is the side length squared we can write: Now because the yellow square and the four blue right triangles also equal the area of the square we write: . Now using basic Algebra skills we can prove:

, which is the Pythagorean Theorem.