

**Warm Up 57.1**  
Pre-Algebra 1.2

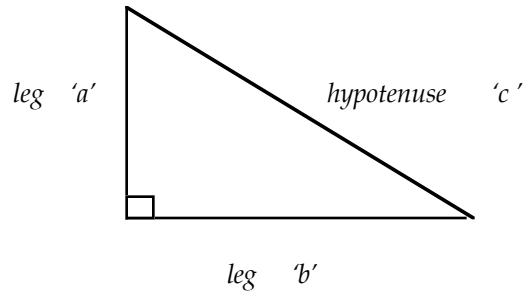
Pythagorean Theorem

Properties of right triangles

In any right triangle, the sum of the squares of the lengths of the legs is equal to the square of the length of the hypotenuse

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

$$c = \sqrt{a^2 + b^2}$$



Examples:

