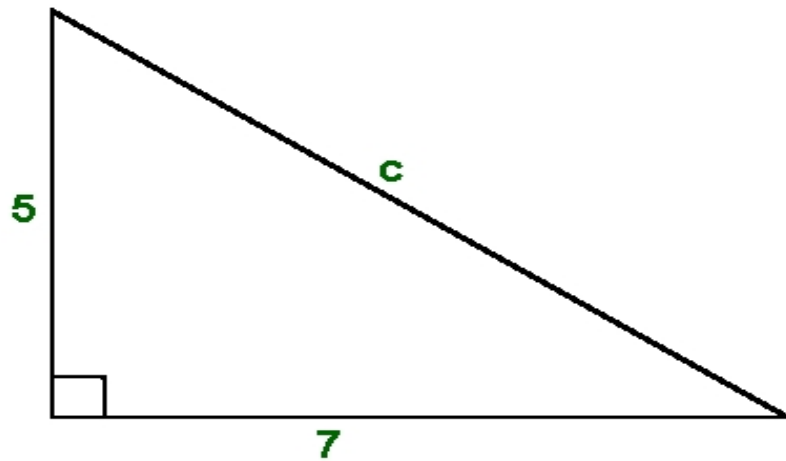


## Pythagorean Theorem

The Pythagorean Theorem will work for any right triangle.



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

$$c^2 = 5^2 + 7^2$$

$$c^2 = 25 + 49$$

$$c^2 = 74$$

$$c = \sqrt{74}$$

$$c \approx 8.6023$$