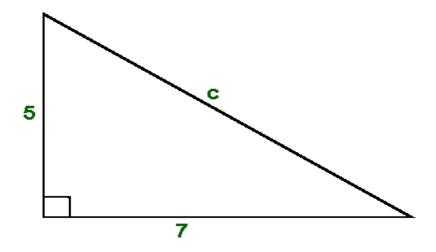
Pythagorean Theorem

The Pythagorean Theorem will work for any right triangle.



$$c^{2} = a^{2} + b^{2}$$
 $c^{2} = 5^{2} + 7^{2}$
 $c^{2} = 25 + 49$
 $c^{2} = 74$
 $c = \sqrt{74}$
 $c \approx 8.6023$