

TOPIC: PYTHAGOREAN THEOREM

Right Triangles & Pythagorean Theorem

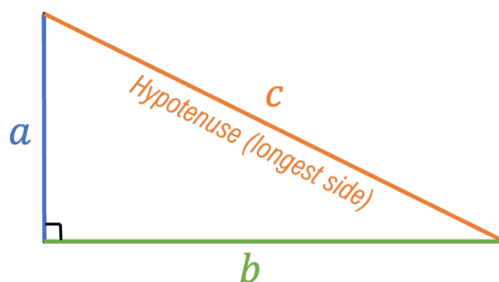
◆ Whenever 2 sides of a right triangle are known, solve for the unknown side by using the **Pythagorean Theorem**.

► ALWAYS set a and b as the _____ legs that form the 90° , and c as the _____.

New

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

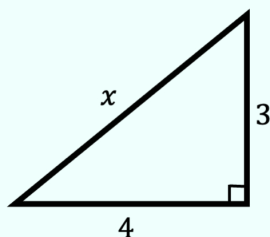
(Pythagorean Theorem)



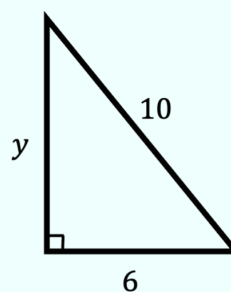
EXAMPLE

Find the missing side of each right triangle below.

(A)



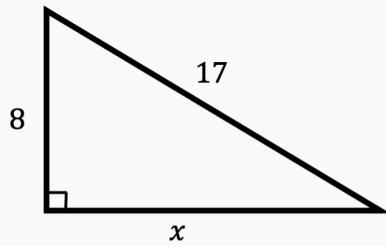
(B)



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PRACTICE

Calculate the missing side of the triangle below.



PRACTICE

Calculate the missing side of the triangle below.

