Pythagorean Theorem

C is the hypothenuse

We solve for a or b (base or height or legs) using

We solve for c(hypothenuse) using



How do we find a right triangle without knowing 90 degrees?

With only sides given?

ANSWER: WE DO THE PYTHAGOREAN THEOREM!!!!!!!!!!

Pythagorean theorem is ONLY for the right triangles!

YES, it is a right triangle!!!! ☺

NO, it is NOT a right triangle! ☹

YES, it is a right triangle!!!! ☺

YES, it is a right triangle!!!! ☺