Chapter 5 section 8 Pythagorean Theorem

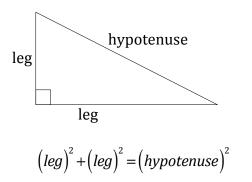
Pythagoras Greek mathematician and philosopher, born 582 BC Island of Samos.

In the movie, Wizard of Oz https://www.youtube.com/watch?v=ky7DMCHQJZY

Scarecrow gets a brain, but needs more knowledge.

Right triangle Vocabulary: Triangle that has a right angle (90°) is called a right angle. the side that is directly opposite the right angle – hypotenuse. the sides that include the right angle – legs.

Pythagorean Theorem:



Example:

Lengths of the legs are 4 cm and 3 cm. Find the length of the missing side.

Sketch the figure and put in the given information.

Let H = missing side.

