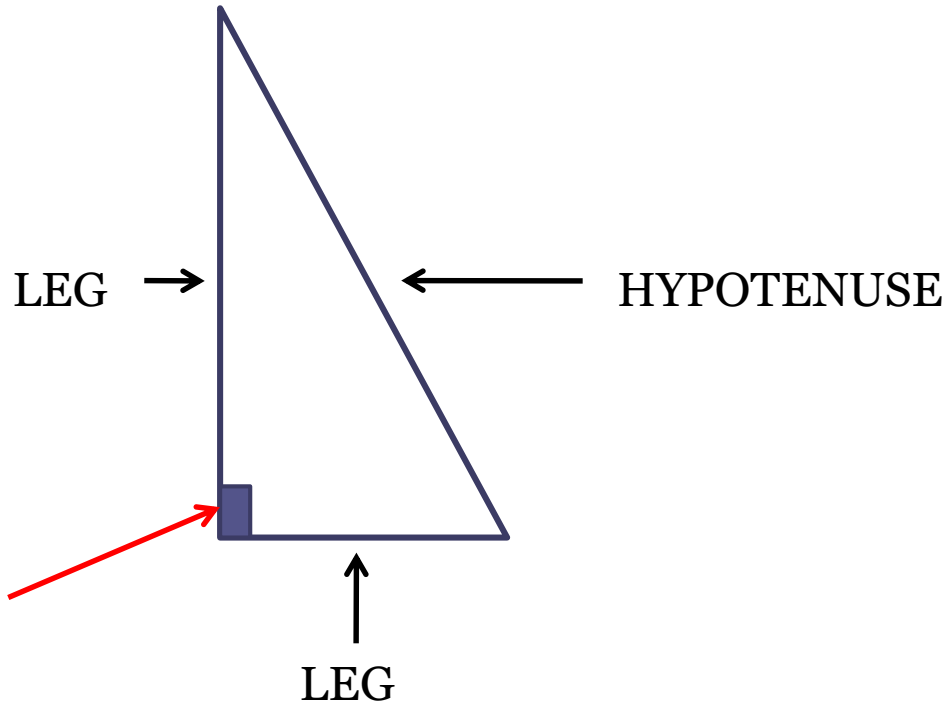


PYTHAGORAS THEOREM

A decorative graphic consisting of a solid teal horizontal bar that spans the width of the slide. Below this bar, on the right side, there are several horizontal lines of varying lengths and colors, including teal and white, creating a stepped or layered effect.

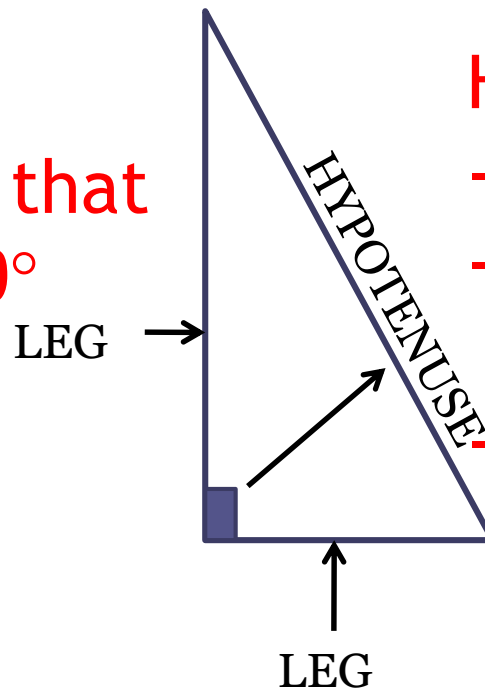
Pythagoras Theory studies RIGHT triangles (a triangle with a 90° angle)



This symbol means that it is a RIGHT TRIANGLE

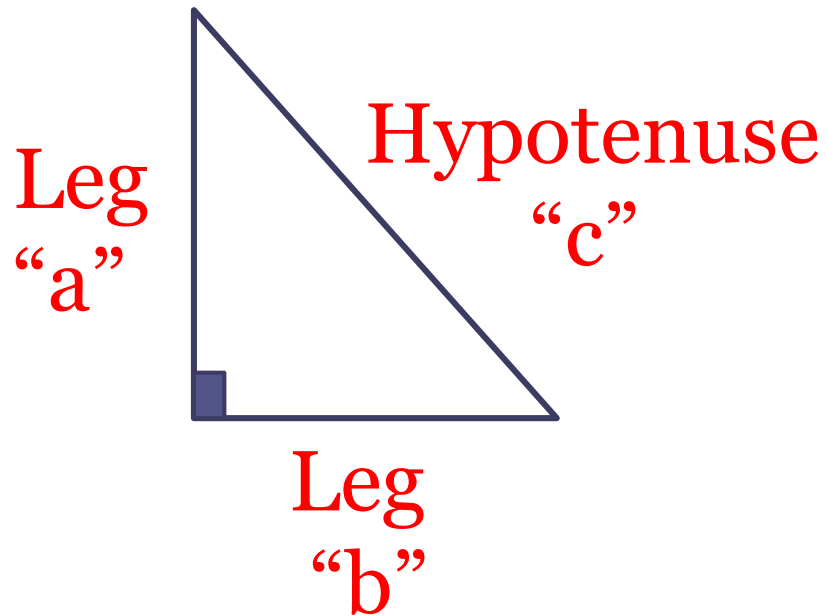
Important parts of the right triangle

LEGS:
are the sides that
create the 90°
angle



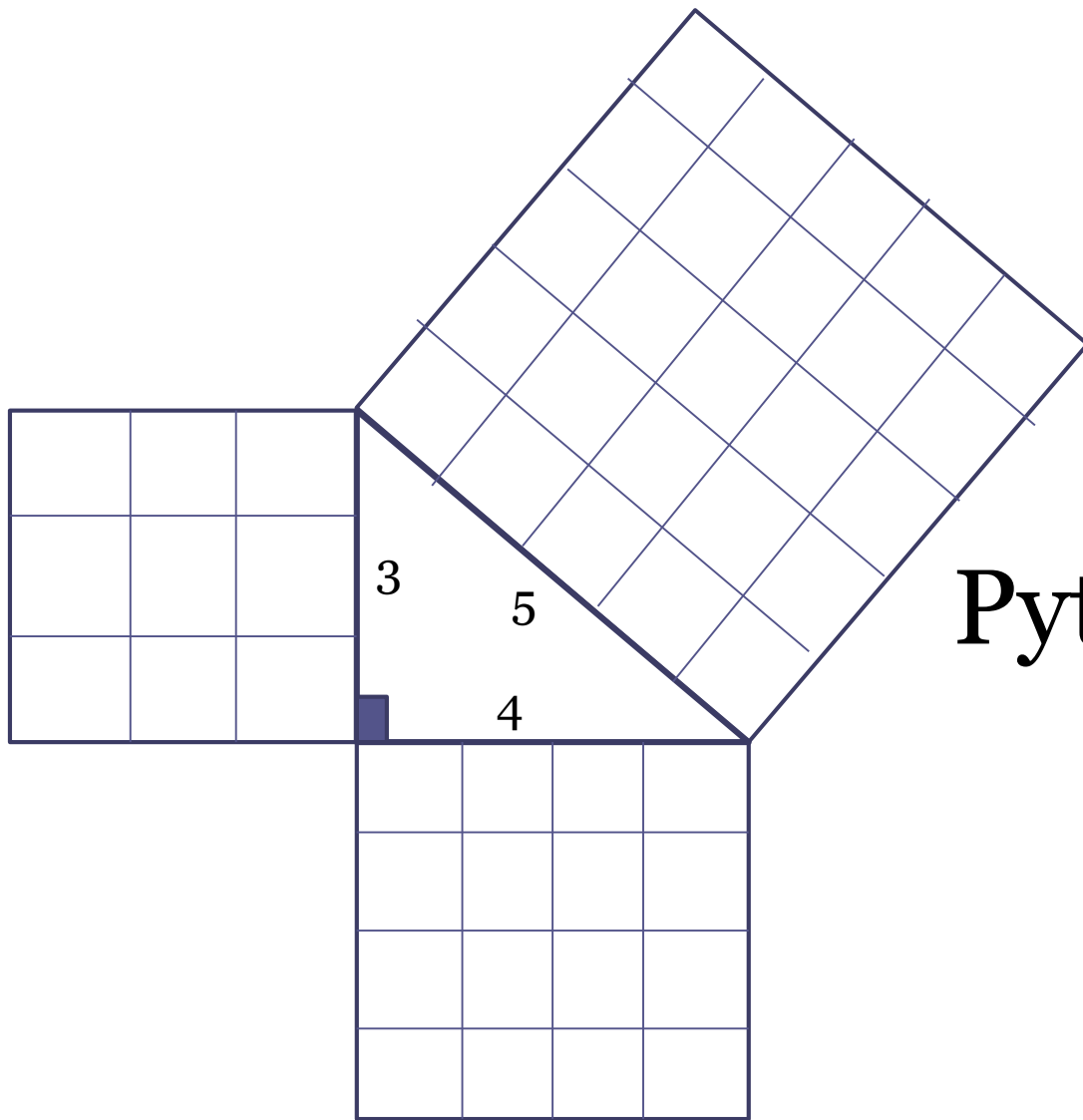
HYPOTENUSE:
-the longest side
-the side opposite the
 90° angle
-connects the two legs

Relationship Between The Legs & Hypotenuse



Pythagoras Theory

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

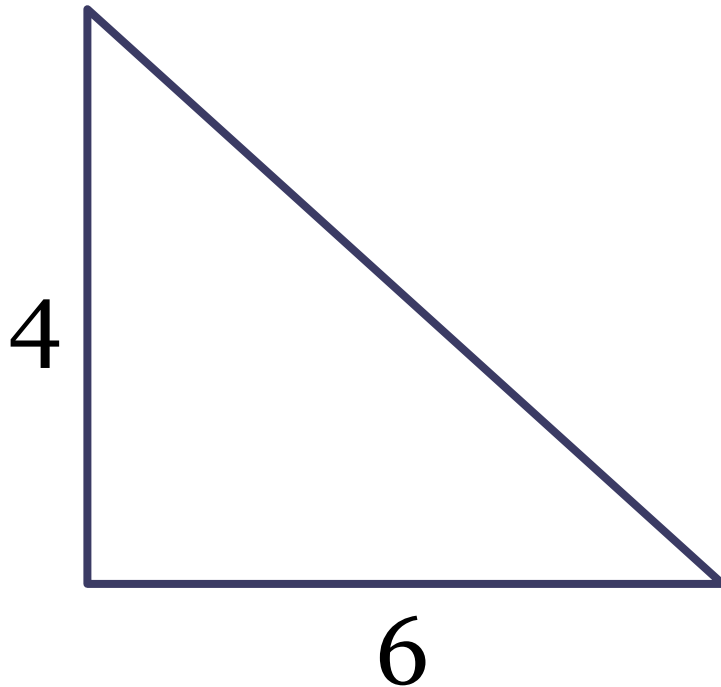


Pythagoras Theory

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

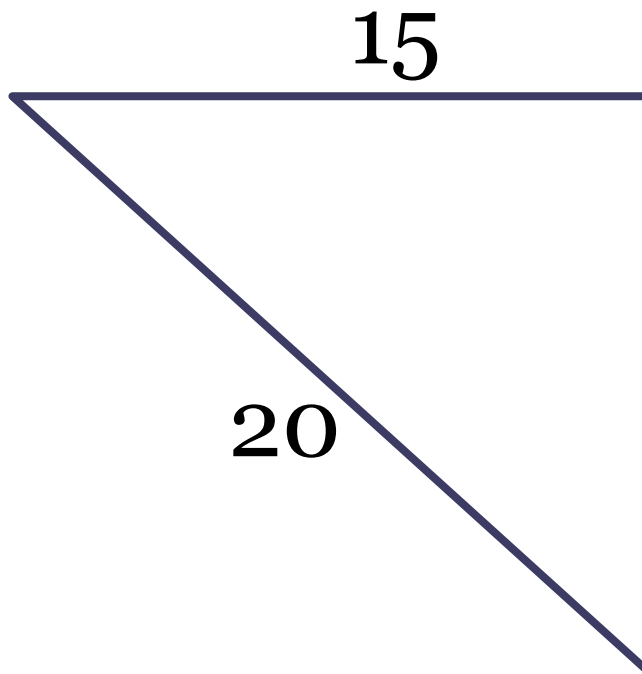
Ex.

- Find the missing side length.



Ex.

- Find the missing side length.



Practice

(Homework if not finished in class)

- Workbook: P. 4 #1
P. 5 #2 (a – c only), #3-6