

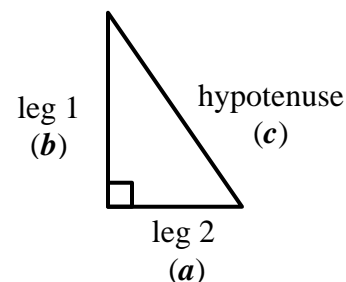


## Pythagorean Theorem (page 1)

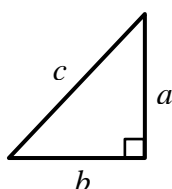
*hypotenuse*: the side across from the right angle (will always be the longest side)

*legs*: the sides adjacent to the right angle

*Pythagorean Theorem*: In a right triangle, the sum of the squares of the lengths of the legs is equal to the square of the length of the hypotenuse. That is,  $a^2 + b^2 = c^2$ .



For



which side is the hypotenuse?

which side is the longest?

which side is a leg?

which side is opposite the right angle?

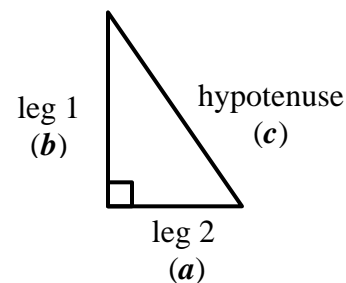


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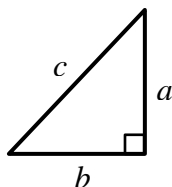
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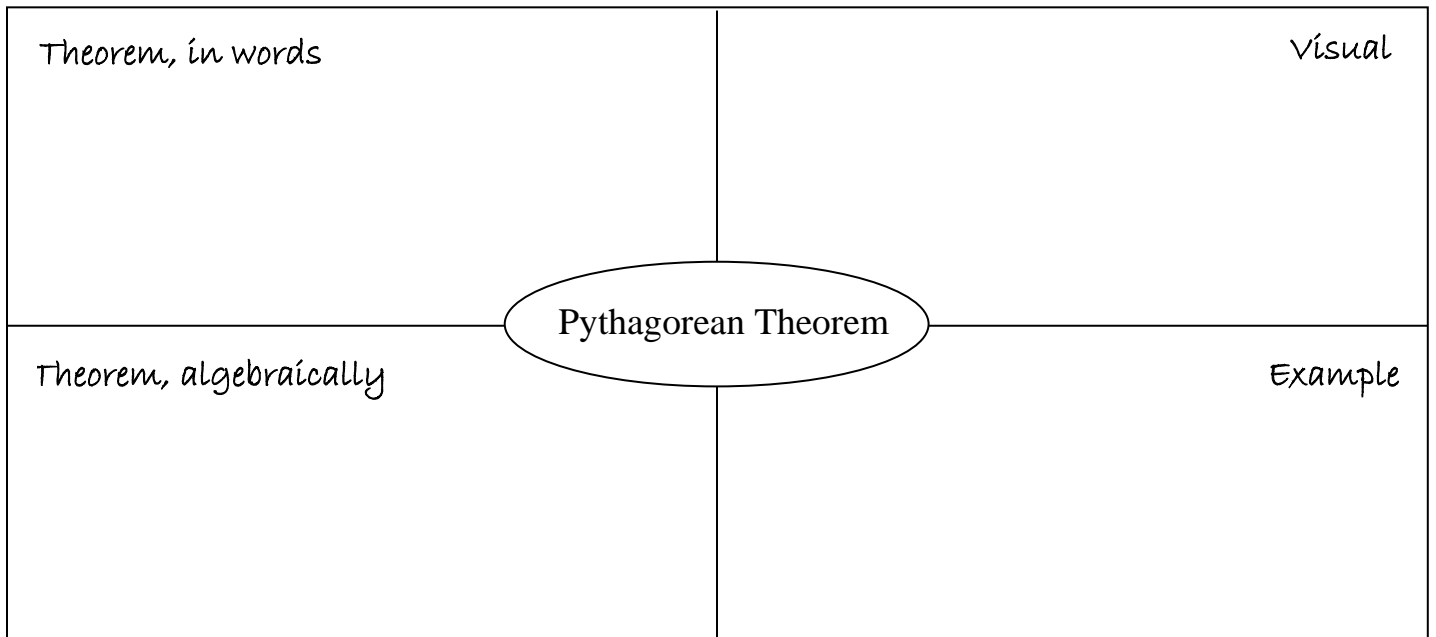
which side is the longest?

which side is a leg?

which side is opposite the right angle?

## Pythagorean Theorem (page 2)

Fill in the model:



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