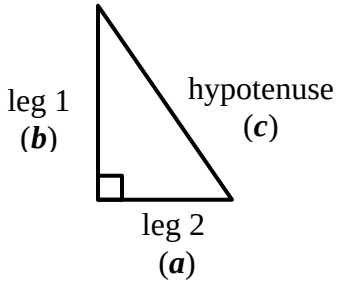
Name _____ Period_____ Date_____

Pythagorean Theorem (page 1)

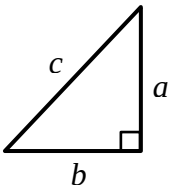
hypotenuse: the side across from the right angle (will always be the longest side)

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?

Name _____ Period_____ Date_____

Pythagorean Theorem (page 1)

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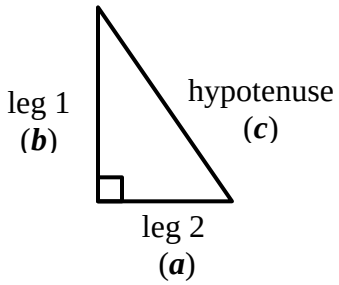

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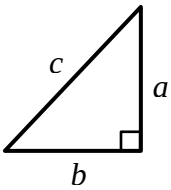

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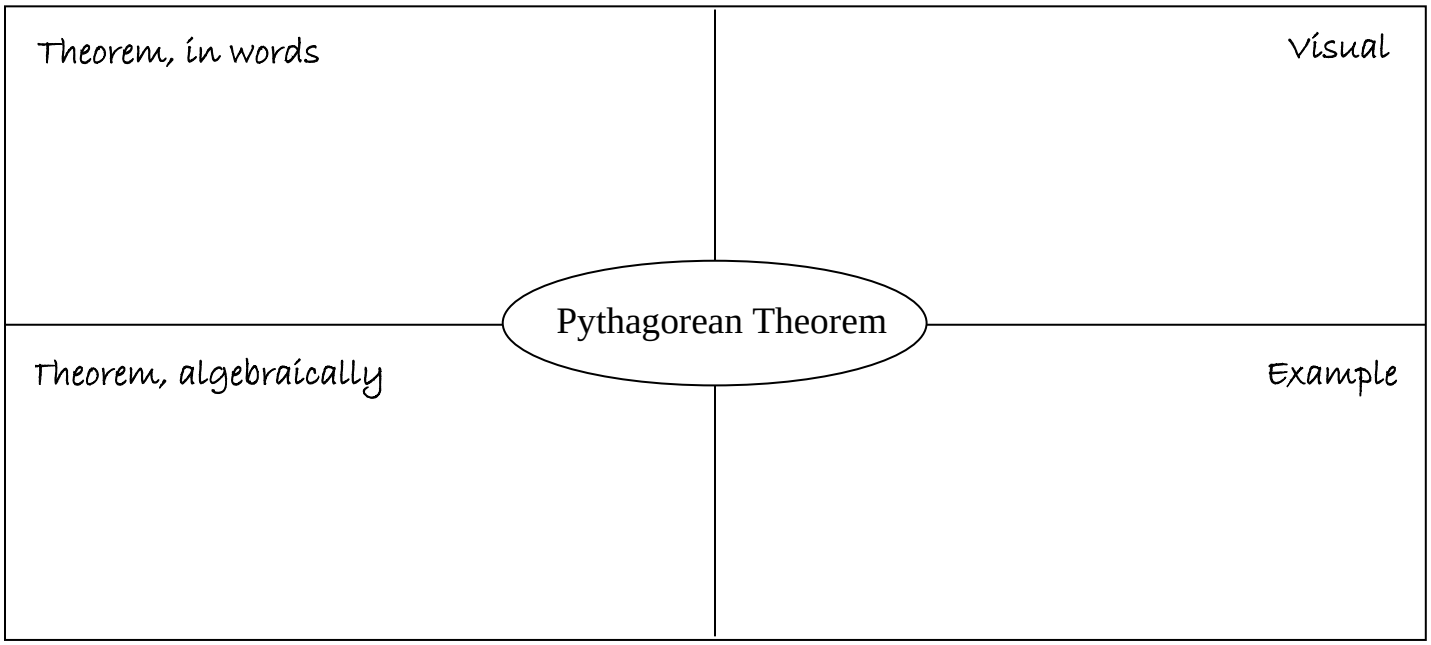
Pythagorean Theorem **(page 2)**

Fill in the model:



Pythagorean Theorem **(page 2)**

Fill in the model: