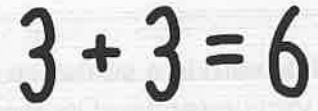


Name _____ Date _____

Pythagorean Theorem - Vocab Cards

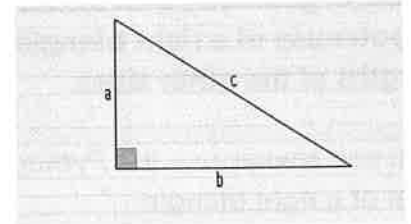
equation noun**in math, a statement that shows that two expressions are equal.**I wrote an *equation* to show that two amounts were equal.



$$3 + 3 = 6$$

Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

hypotenuse noun**the long side of a right triangle that is opposite the right angle.**In a right triangle, the legs are always shorter than the *hypotenuse*.

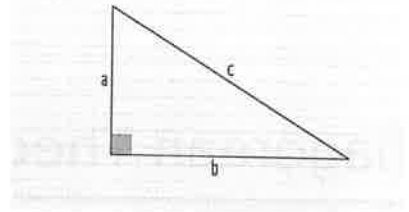
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

leg noun

either of the two sides that form the right angle in a right triangle.

When two *legs* of a right triangle meet, you get a right angle.



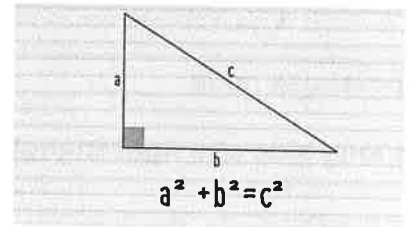
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

Pythagorean theorem noun

a rule in geometry that states that the square of the length of the hypotenuse of a right triangle equals the sum of the squares of the lengths of the other sides.

You can always use the *Pythagorean theorem* to find the length of a side of a right triangle.



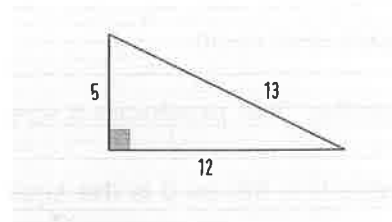
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

Pythagorean triple noun

a set of three positive integers a , b and c that form the sides of a right triangle. For example: 3, 4 and 5

An example of a *Pythagorean triple* is 5, 12 and 13.



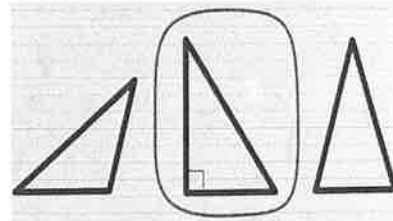
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

right triangle noun

a triangle that has a right angle.

He folded the paper into a *right triangle*, a triangle with a right angle.



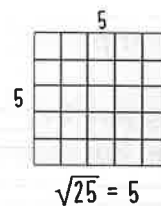
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

square root noun

a number that produces a specific number when multiplied by itself.

6 times 6 is 36, so 6 is the *square root* of 36.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it: