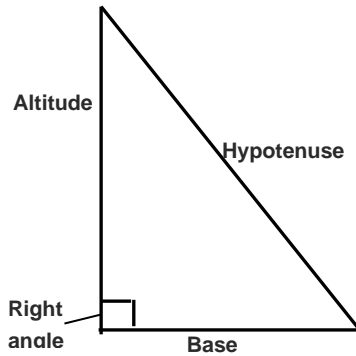


**Math Review Worksheet: Square**

The Pythagorean Theorem formula is  $a^2 + b^2 = c^2$ , where 'a' is the altitude, 'b' is the base, and 'c' is the hypotenuse.



Directions: Solve these math problems using the 3-4-5 method of making a square corner.

1. If you have a room that is 9 ft. x 12 ft., what is the hypotenuse?

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2. You walk onto a slab to layout the walls and the plans call for the structure to be 35'6" x 42'8" If you used the longest measurements you can to apply the Pythagorean Theorem, what 3 measurements would you use?

1.

\_\_\_\_\_

2.

\_\_\_\_\_

3.

\_\_\_\_\_

3. The slab next to it is 47'2" x 75'0". If you used the longest measurements you can to apply the Pythagorean Theorem, what 3 measurements would you use?

1.

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2.

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3.

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4. The slab on the corner lot is "L" shaped. The back of the house is the longest at 65'6" and the kitchen/family room side is 44'7" with the 22' deep garage in front of the kitchen. What measurements would you use to get square?

1.

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2.

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3.

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