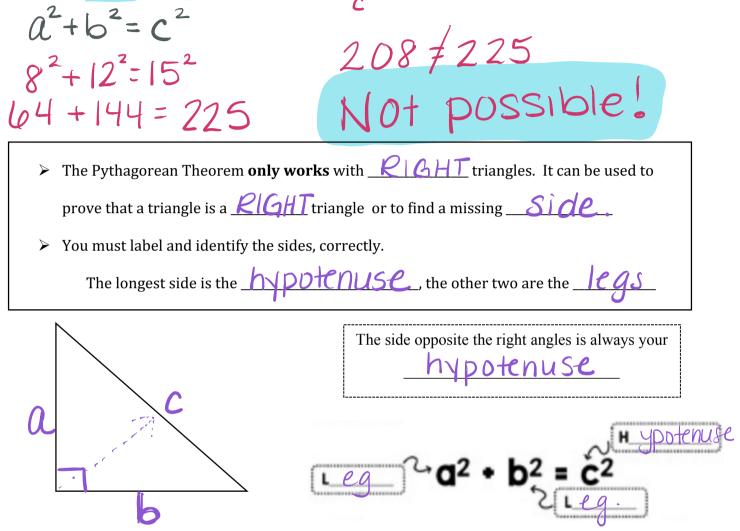
Unit 9: Pythagorean Theorem

9-2: Using the Pythagorean Theorem

"I can use the Pythagorean Theorem to find the missing side in a right triangle."

Warm Up: Use the **Converse** of the Pythagorean Theorem to show whether it is possible to have a right triangle with legs of 8 and 12 ft. and a hypotenuse of 15 ft. Show all work and explain your answer.

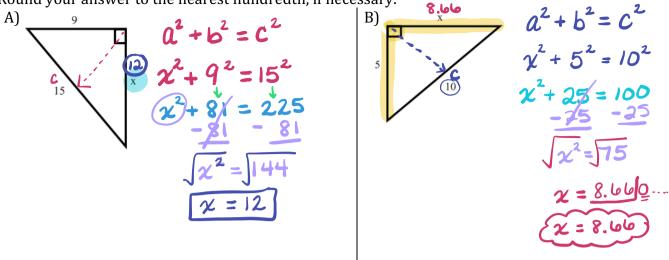


Exercise 1- Use the Pythagorean Theorem to find the missing side of the following triangles. Round your answer to the nearest hundredth if necessary.

Date____

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Exercise 2- Use the Pythagorean Theorem to find the missing side of the following triangles. Round your answer to the nearest hundredth, if necessary.



Problem Set: Determine the length of the missing side. Be sure to round all answers to the nearest tenth.

