

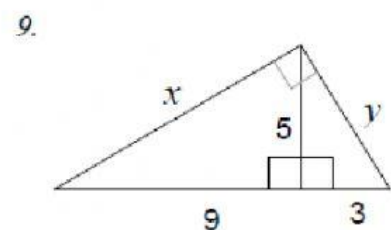
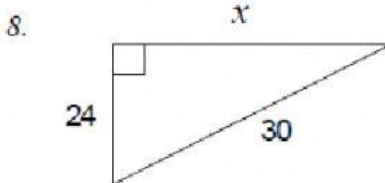
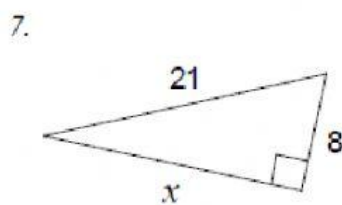
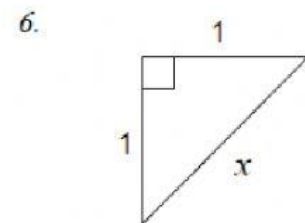
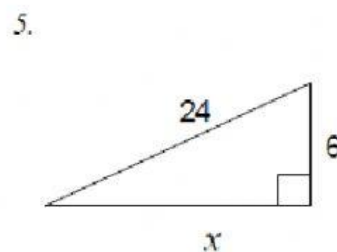
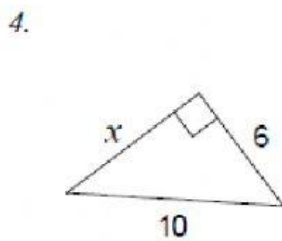
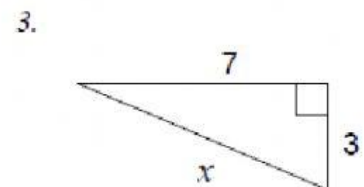
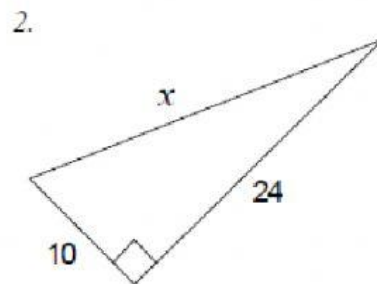
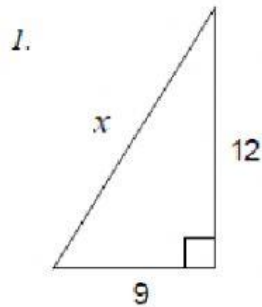
Date: _____ /30 Name: _____

Pythagorean Theorem Assignment

A) Calculate the measure of x in each.

Where necessary, round your answer correct to one decimal place.

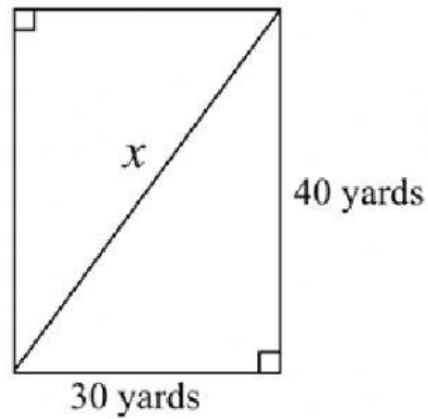
Complete on a separate piece of paper.



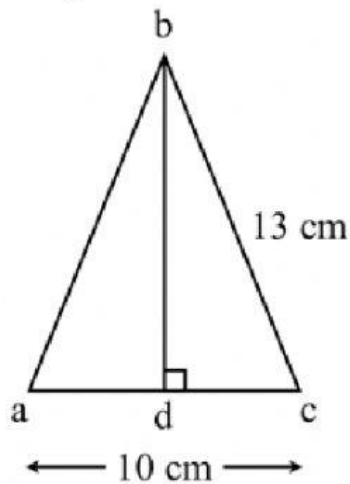
B) A ladder is leaning against the side of a 10m house. If the base of the ladder is 3m away from the house, how tall is the ladder?

Draw a diagram and show all work.

C) What is the length of the diagonal?



D) What is the length of bd?



E) Use the Pythagorean Theorem to find out if these are right triangles.
Justify your answers.

