

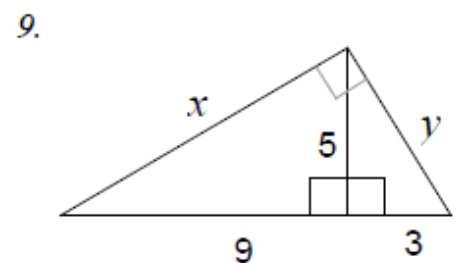
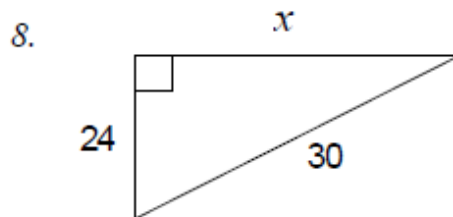
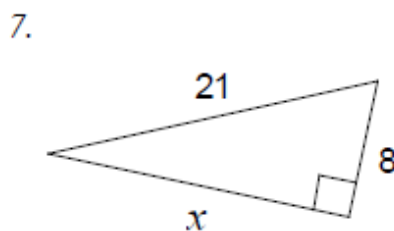
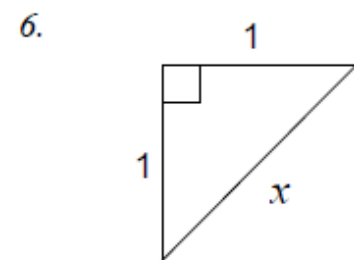
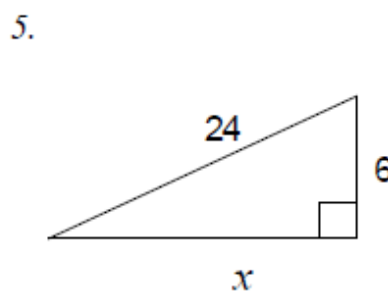
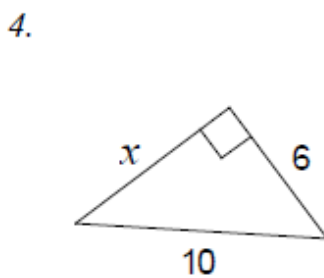
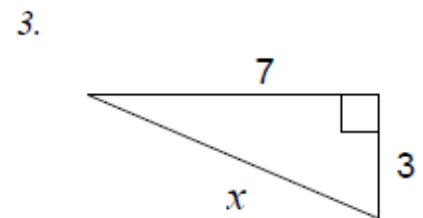
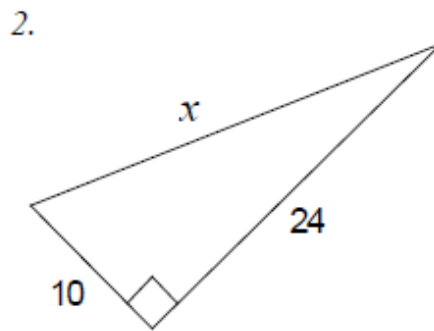
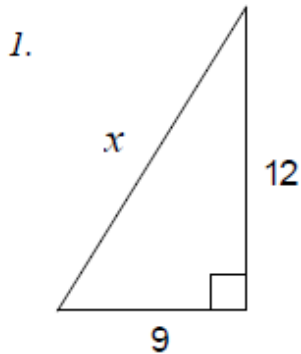
Date: _____ /30 Name: _____

Pythagorean Theorem Assignment

A) Calculate the measure of x in each.

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

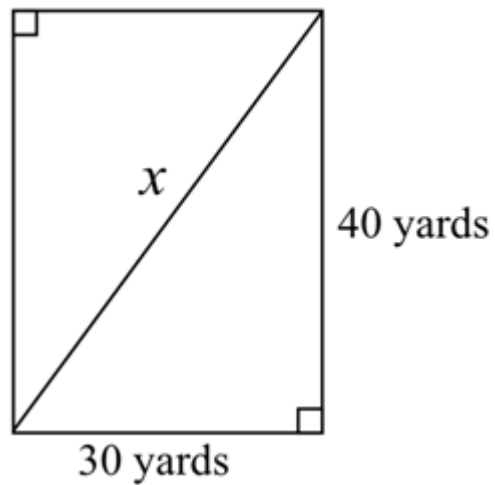
Complete on a separate piece of paper.



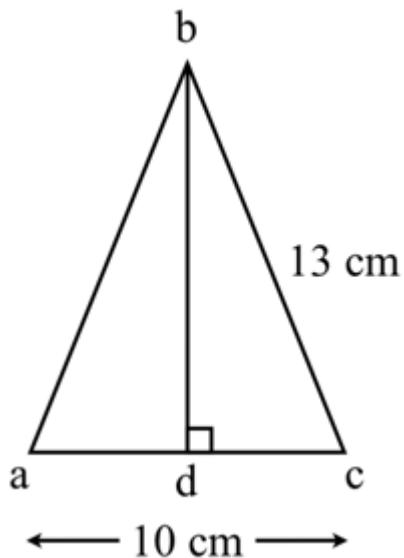
B) A ladder is leaning against the side of a 10m house. If the base of the ladder is 3m away from the house, how tall is the ladder?

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.

