

# Pythagorean Theorem Assignment

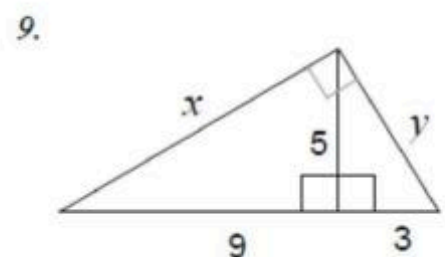
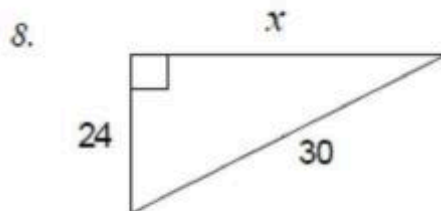
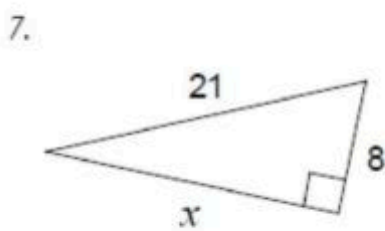
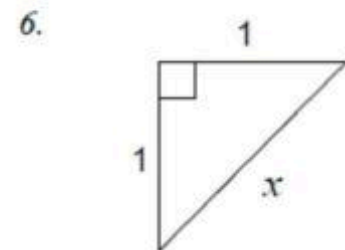
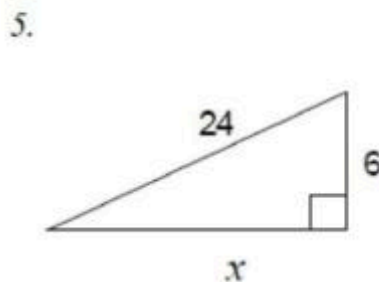
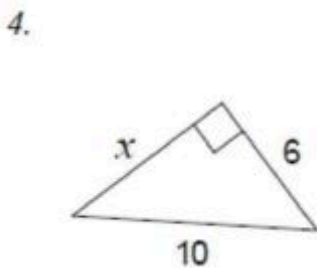
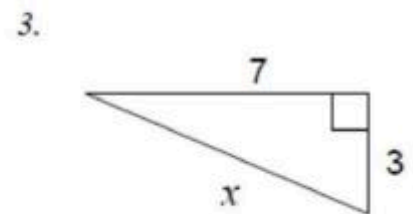
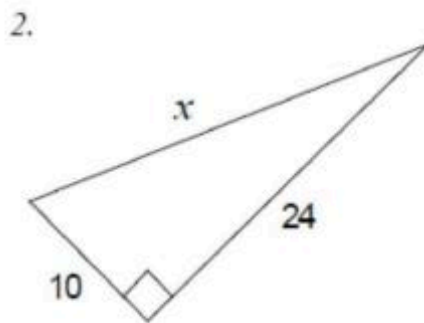
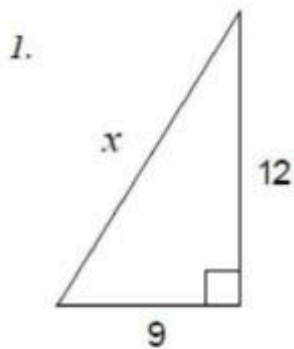
Date: \_\_\_\_\_ / 30 Name: \_\_\_\_\_

## 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.**