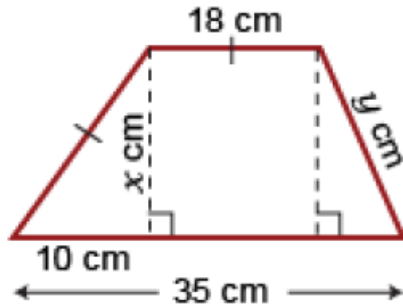


Year Ten Advanced Homework Sheet 1, Term 2

Pythagoras' Theorem

Name: _____

Due Date: _____

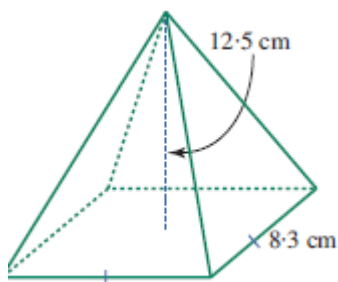


Find the length of x and y .

Find the perpendicular height of an equilateral triangle with side length of 10cm. Provide a diagram.

You are constructing a right angled triangle with one side 18cm and the other 22cm. What could the third length be?

Hint: There are two solutions.



Find the length of the edge from peak to base vertex.