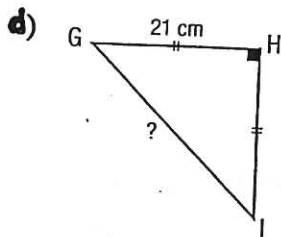
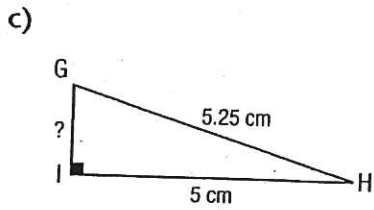
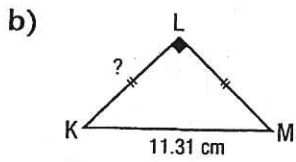
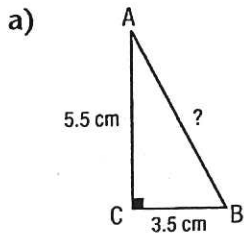


Assignment: Due Sept. 16th

Name: _____

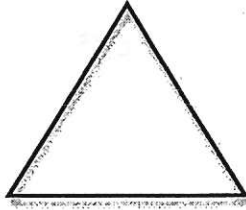
Pythagorean Theorem

1) Determine the unknown measures in the following right triangles:



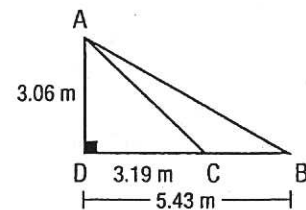
2) Determine the measure of the diagonal of a square whose area is 121 cm^2 .

3) a) What is the height of an equilateral triangle with sides 24 cm?



b) What is the area of this triangle?

4) To go from point A to point B, Austin uses the route A-C-B. Fabien takes the route A-B instead. Determine the difference between the distances traveled by the students.



5) A 15 metre long ladder is placed 4 metres away from a wall. The distance from the ground straight to the top of the wall is 12 metres. Will the ladder reach the top of the wall?

