



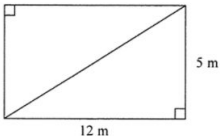
Pythagoras Theorem

Questions

June 2017 Higher Non-Calc Paper 1

1

This rectangular frame is made from 5 straight pieces of metal.



The weight of the metal is 1.5 kg per metre.

Work out the total weight of the metal in the frame.

..... kg

(Total for Question 5 is 5 marks)

November 2015 Higher Calc Paper 2

2

Here is part of a field.

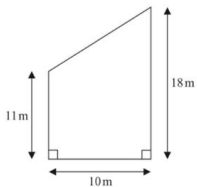


Diagram **NOT**
accurately drawn

This part of the field is in the shape of a trapezium.

A farmer wants to put a fence all the way around the edge of this part of the field.

The farmer has 50 m of fence.

Does he have enough fence?

You must show all your working.

(Total for Question 7 is 5 marks)