8 The diagram shows a solid metal cuboid.



The areas of three of the faces are marked on the diagram. The lengths, in cm, of the edges of the cuboid are whole numbers.



The metal cuboid is melted and made into cubes. Each of the cubes has sides of length 2.5 cm.

Work out the greatest number of these cubes that can be made.

(Total for Question 8 is 5 marks)

