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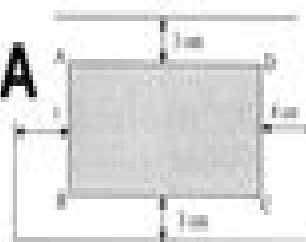
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closed figure. Rectangle ABCD is  
D is  $400 \text{ cm}^2$  and  $AD = 20 \text{ cm}$ .  $AB$   
cm. From the top and bottom of the



Sketch below is the graph of  $f(x) = x^2 - 4$  for  $x \in (-2, 4)$ .  
A and B are respectively the y and x intercepts of  $f$ .



is B, the turning point of  $f$ . The graph  $f$  has a horizontal asymptote at  $x = 2$  and a vertical asymptote at  $x = 0$ .



# Maths Prelims Paper 1 2012 Memo

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