

DO NOT WRITE IN THIS AREA

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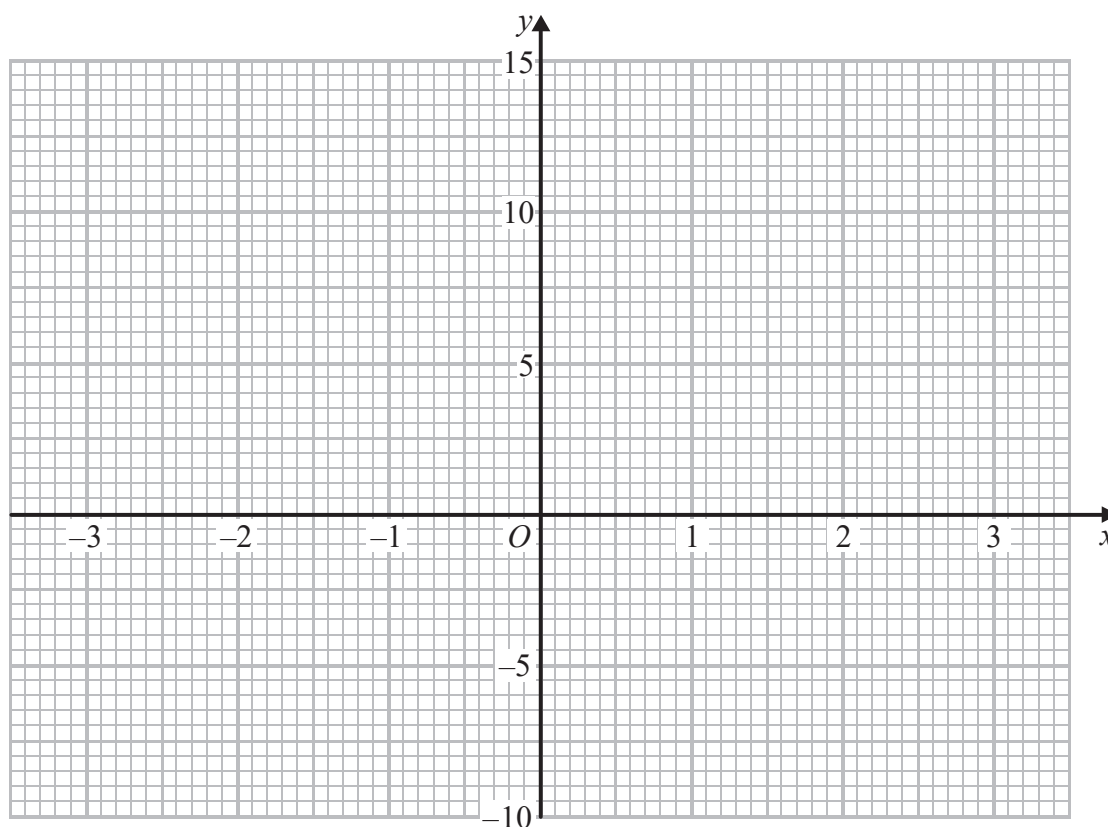
3 (a) Complete this table of values for  $y = x^2 + x - 4$

$x$	-3	-2	-1	0	1	2	3
$y$		-2	-4		-2		



(2)

(b) On the grid, draw the graph of  $y = x^2 + x - 4$  for values of  $x$  from -3 to 3



(2)

(c) Use the graph to estimate a solution to  $x^2 + x - 4 = 0$

.....  
(1)

(Total for Question 3 is 5 marks)

