

- 2 Part of the curve with equation $y = x^2 - 3x - 1$ is drawn on the grid on the opposite page.

The equation of another curve is $y = -x^2 - 2x + 4$

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

x	-4	-3	-2	-1	0	1	2
y	-4			5		1	

(2)

- (b) On the grid, plot the points from your completed table and join them to form a smooth curve.

(2)

- (c) Use the two curves on the grid to find estimates, to 1 decimal place, for the solutions of the equation $2x^2 - x - 5 = 0$

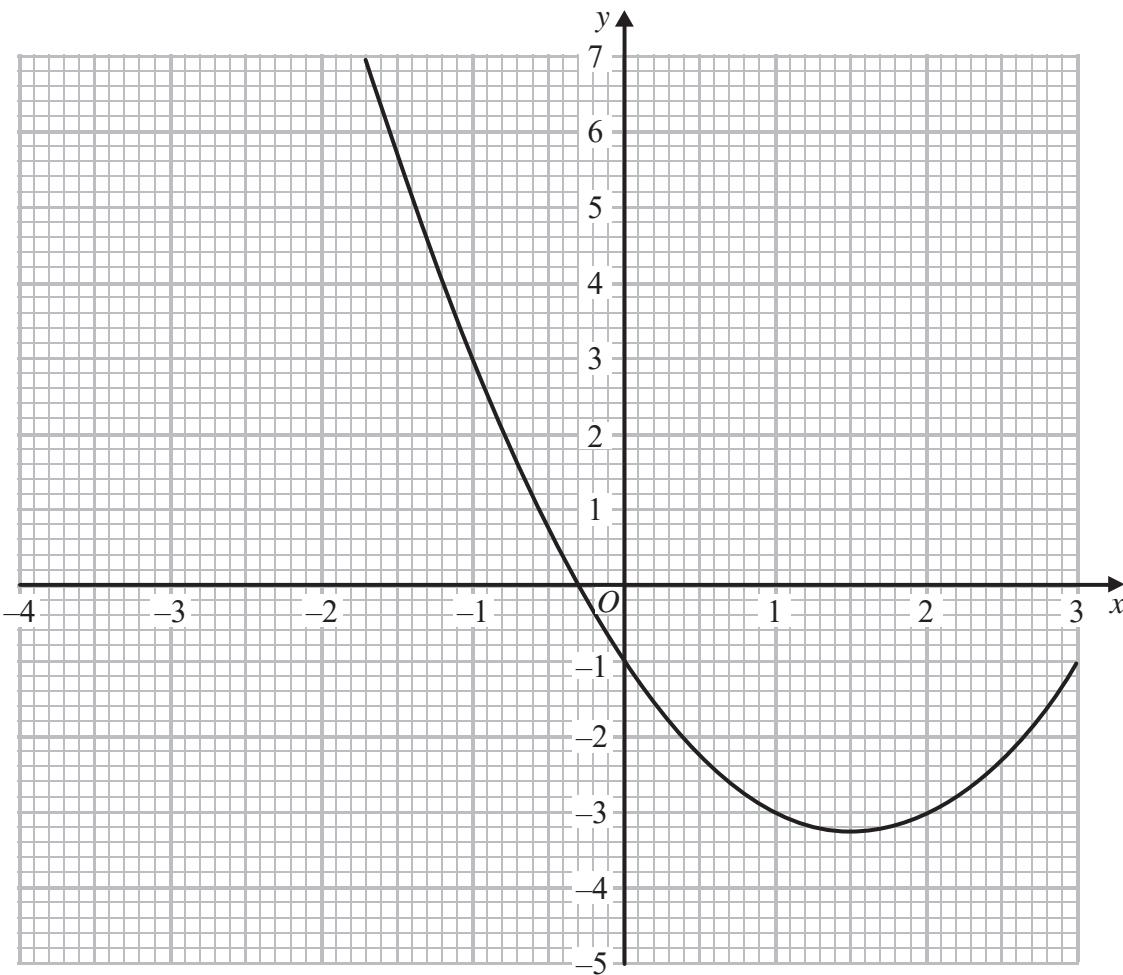
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Question 2 continued

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(Total for Question 2 is 6 marks)

