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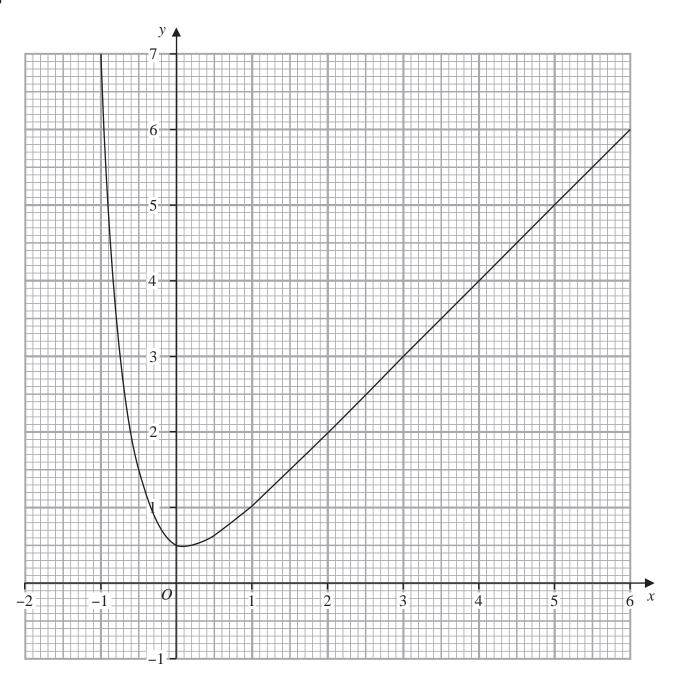


Figure 1

Figure 1 shows part of the graph of the curve with equation $y = x + 2^{-(4x+1)}$

By drawing a suitable straight line on the graph, obtain an estimate, to one decimal place, of the roots of the equation $\log_2(8-3x) + 4x = 0$ in the interval $-2 \le x \le 6$

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Question 6 continued	
(Total for Ques	stion 6 is 7 marks)

