4	A curve has equation $y = x^3 + 2x^2 - 11x - m$, where m is a positive integer. The curve crosses the x-axis at the point with coordinates $(-4,0)$.	
	(a) Show that $m = 12$	(2)
	(b) Factorise $x^3 + 2x^2 - 11x - 12$ completely.	(3)
	The curve also crosses the <i>x</i> -axis at two other points.	
	(c) Write down the <i>x</i> -coordinate of each of these points.	(4)
		(1)
•••••		

Question 4 continued			
	(Total for Question 4 is 6 marks)		

