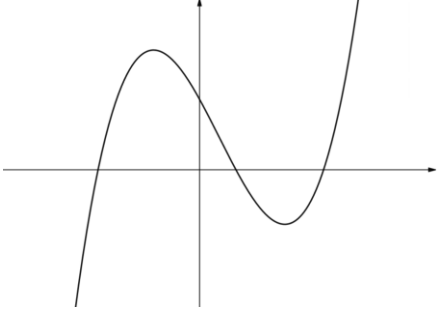


Question	Scheme	Marks	AOs
8(a)(i) (ii)	4	B1	2.2a
	3	B1	2.2a
(b)			
	Left of the y-axis: <ul style="list-style-type: none"> • starts negative (LHS) • crosses the horizontal axis • followed by a maximum to the left of the y-axis. 	B1	1.1b
	Right of the y-axis: <ul style="list-style-type: none"> • starts positive (LHS) • crosses the horizontal axis • followed by a minimum to the right of the y-axis 	B1	1.1b
	A correct sketch of the gradient function, including: <ul style="list-style-type: none"> • correct shape (positive cubic) • maximum and minimum broadly in line with x-intercepts of C • positive y-intercept 	B1	1.1b
	(3)		
(5 marks)			
Notes:			
(a)(i) B1: 4 cao (ii) B1: 3 cao			
(b) B1B1B1: See main scheme.			