7.	(a) Factorise completely $9x - x^3$	(2)
	The curve C has equation	
	$y = 9x - x^3$	
	(b) Sketch C showing the coordinates of the points at which the curve cuts the x -axis.	(2)
	The line l has equation $y = k$ where k is a constant.	
	Given that C and l intersect at 3 distinct points,	
	(c) find the range of values for k , writing your answer in set notation.	
	Solutions relying on calculator technology are not acceptable.	(3)