6	(a)	Determine the <b>two</b> real roots of the equation $8x^6 + 7x^3 - 1 = 0$ .	[3]
	(b)	Determine the coordinates of the stationary points on the curve $y = 8x^7 + \frac{49}{4}x^4 - 7x$ .	[4]
		$d^2v$	

(c) For each of the stationary points, use the value of  $\frac{d^2y}{dx^2}$  to determine whether it is a maximum or a minimum.