The	equation of a curve is such that $\frac{d^2y}{dx^2} = 6x^2 - \frac{4}{x^3}$. The curve has a stationary point at $\left(-1, \frac{9}{2}\right)$.	
(a)	Determine the nature of the stationary point at $\left(-1, \frac{9}{2}\right)$.	[1]
(b)	Find the equation of the curve.	[5]
		••••
		• • • • •
		• • • • •
		••••
		• • • • •
		••••
		••••
		• • • • •

Snow tr	at the curv						
	•••••						
•••••	••••••	•••••	••••••	••••••	•••••	•••••	••••••
••••••		•••••	••••••	••••••			••••••
•••••	•••••	•••••	••••••	••••••	•••••	•••••	•••••
A point per seco		ig along th				s increasing at a	
per seco	ond.		ne curve and	d the y-coor		s increasing at a	
per seco	ond.	rease of th	ne curve and	d the y -coordinate of A at	dinate of A ithe point who	s increasing at a	ι rate of 5 ι
per seco	ond.	rease of th	ne curve and	d the y -coordinate of A at	dinate of A ithe point who	s increasing at a great $x = 1$.	ι rate of 5 ι
per seco	ond.	rease of th	ne curve and	d the y -coordinate of A at	dinate of A ithe point who	s increasing at a great $x = 1$.	ι rate of 5 ι
per seco	ond.	rease of th	ne curve and	d the y -coordinate of A at	dinate of A ithe point who	s increasing at a great $x = 1$.	ι rate of 5 ι
per seco	ond.	rease of th	ne curve and	d the y -coordinate of A at	dinate of A ithe point who	s increasing at a great $x = 1$.	rate of 5 u
per seco	ond.	rease of th	ne curve and	d the y-coor	rdinate of A i	s increasing at a great $x = 1$.	rate of 5 u
per seco	ond.	rease of th	ne curve and	d the y-coor	rdinate of A i	s increasing at a green $x = 1$.	rate of 5 u
per seco	ond.	rease of th	ne curve and	d the y-coor	rdinate of A i	s increasing at a green $x = 1$.	rate of 5 u
Find the	ond.	rease of th	ne curve and	d the y-coor	the point who	s increasing at a green $x = 1$.	rate of 5 t
Find the	ond.	rease of th	ne curve and	d the y-coor	the point who	s increasing at a green $x = 1$.	rate of 5 u
Find the	ond.	rease of th	ne curve and	d the y-coor	the point who	s increasing at a	rate of 5 u
Find the	ond.	rease of th	ne curve and	d the y-coor	the point who	s increasing at a	rate of 5 u