7	A curve C in the x - y plane has the property that the gradient of the tangent at the point $P(x, y)$ is three times the gradient of the line joining the point $(3, 2)$ to P .	
	(a) Express this property in the form of a differential equation.	[2]
	It is given that C passes through the point $(4, 3)$ and that $x > 3$ and $y > 2$ at all points on C.	
	(b) Determine the equation of C giving your answer in the form $y = f(x)$.	[4]
	The curve C may be obtained by a transformation of part of the curve $y = x^3$.	
	(c) Describe fully this transformation.	[2]