Question			Answer	Marks	AOs	Guidance	
4	(a)		$\frac{dy}{dx} = \frac{1}{2}\left(1 - 3x^2\right)^{-\frac{1}{2}}.(-6x)$	B1	1.1	$\frac{1}{2}u^{-\frac{1}{2}}$ soi	
				M1	1.1	Chain rule	
			$= \frac{-3x}{\sqrt{\left(1 - 3x^2\right)}}$	A1	1.1	oe, but must simplify $\frac{1}{2} \times 6$	
				[3]			
4	(b)		$\frac{dy}{dx} = \frac{(3x+2).2x - x^2.3}{(3x+2)^2}$	M1	1.1	Quotient rule or product rule	
				A1	1.1		
			$= \frac{3x^2 + 4x}{(3x+2)^2}$	A1	1.1	oe, but must simplify numerator	
				[3]			