

Q	Marking instructions	AO	Marks	Typical solution
6	Uses the chain rule to obtain $7(x^3 + 5x)^6 f(x)$ Or $g(x)(3x^2 + 5)$ Where $f(x)$ and $g(x)$ are polynomials of degree at least 1. Condone incorrect or missing brackets around their $3x^2 + 5$	1.1a	M1	$\frac{dy}{dx} = 7(3x^2 + 5)(x^3 + 5x)^6$
	Obtains $7(3x^2 + 5)(x^3 + 5x)^6$ OE ISW	1.1b	A1	
	Question 6 Total		2	