Q	Working	Answer	Mark	Notes		
12	$3x(2x+5)=6x^2+15x$ or $3x(7x-4)=21x^2-12x$ or $(2x+5)(7x-4)=14x^2-8x+35x-20$ $(14x^2+27x-20)$		3	M1	An expansion with only one error. Do not award this mark for $6x^2 + 15x + 21x^2 - 12x$ or $(6x^2 + 15x)(21x^2 - 12x)$	M2 for 3 (out of a maximum of 4) of $42x^3+105x^2-24x^2-60x$
	$(6x^2+15x)(7x-4)=42x^3-24x^2+105x^2-60x$ $(21x^2-12x)(2x+5)=42x^3+105x^2-24x^2-60x$ $3x(14x^2-8x+35x-20)=42x^3-24x^2+105x^2-60x$ $3x(14x^2+27x-20)=42x^3+81x^2-60x$			M1	ft dep on M1 allow one further error	(M1 for 2 correct out of a maximum of 4)
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	$42x^3+81x^2-60x$		A1	cao (terms may be in any order but must be simplified) dep on M1 ISW correct factorisation eg $3(14x^3+27x^2-20x)$ Do not ISW incorrect simplification eg $14x^3+27x^2-20x$	
						Total 3 marks