Question	Working	Answer	Mark	Notes
16	$(2x+3)(x-5)=2x^2-10x+3x-15(=2x^2-7x-15)$ or $(2x+3)(x+4)=2x^2+8x+3x+12(=2x^2+11x+12)$ or $(x-5)(x+4)=x^2+4x-5x-20(=x^2-x-20)$ oe		3	M1 For a correct method to expand two brackets with at least 3 terms correct out of 4 terms (or 2 terms correct out of 3 terms) Do not award this mark for eg $2x^2-10x+3x-15+x^2+4x-5x-20$ or eg $2x^2-10x+3x-15+x+4$
	$(2x^2-7x-15)(x+4)=2x^3+8x^2-7x^2-28x-15x-60$ or $(2x^2+11x+12)(x-5)=2x^3-10x^2+11x^2-55x+12x-60$ or $(x^2-x-20)(2x+3)=2x^3+3x^2-2x^2-3x-40x-60$ oe			M1ft Ft dep on M1 and a quadratic for a correct method to multiply by the 3rd bracket – allow one further error
	Working not required, so correct answer scores full marks (unless from obvious incorrect working)	$2x^3+x^2-43x-60$		A1 If no working shown then award B2 for 3 out of a maximum of 4 terms correct
	ALTERNATIVE			
	$2x^3+8x^2-10x^2-40x+3x^2+12x-15x-60$		3	M2 For a complete expansion with 8 terms present of which 4 are correct (M1 for 4 correct terms from any number of terms)
		$2x^3+x^2-43x-60$		A1
				Total 3 marks