Question	Answer	Mark	Mark scheme	Additional guidance
13	7	P1	for setting up an equation using volumes,	May occur later in the process
				Must use expressions for volumes but
			eg $(x+2)(2x-1)(x-1) = 2x(x+3)(x-3) + 142$	these may have been incorrectly
		P1	for process to find an expanded expression for the area of <b>one</b>	expanded and simplified
		r i	face,	
			ince,	
			eg $(x + 2)(2x - 1) = 2x^2 - x + 4x - 2$ or $2x^2 + 3x - 2$	Condone one incorrect term in
			or $(x + 2)(x - 1) = x^2 - x + 2x - 2$ or $x^2 + x - 2$	expansion of two brackets
			or $(2x-1)(x-1) = 2x^2 - 2x - x + 1$ or $2x^2 - 3x + 1$	
			or $2x(x + 3) = 2x^2 + 6x$ or $2x(x - 3) = 2x^2 - 6x$	
			or $(x+3)(x-3) = 2x^2 - 6x$ or $(x+3)(x-3) = x^2 - 3x + 3x - 9$ or $x^2 - 9$	
			$\frac{\partial f(x+y)(x-y)-x-y-x-y-y-x-y}{\partial x+y-x-y}$	
		P1	for a complete process to find a fully expanded expression for the	Expression need not be fully simplified,
			volume of <b>one</b> cuboid,	but must be correct
			23,22,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2	
			eg $2x^3 + 3x^2 - 2x - 2x^2 - 3x + 2$ or $2x^3 + x^2 - 5x + 2$ or $2x^3 + 6x^2 - 6x^2 - 18x$ or $2x^3 - 18x$	
			of $2x + 6x - 6x - 16x$ of $2x - 16x$	
		P1	(dep P3) for correct rearrangement of the expanded terms in their	
			equation leading to a 3-term quadratic	
			2 42 442 ( 2) 2 42 442	
			eg $x^2 + 13x - 140$ (= 0) or $x^2 + 13x = 140$	
		A1	cao	
		711		