Question	Working	Answer	Mark	Notes	
8	eg $8x + 4y = 18 +$ **or** $4x + 2y = 9 -$ $x - 4y = 9$ $4x - 16y = 36$ **or** $4(9 + 4y) + 2y = 9$	$x = 3$, $y = -1.5$	3	M1	correct method to eliminate x or y: coefficients of x or y the same **and** correct operation to eliminate the selected variable (condone any one arithmetic error in multiplication) **or** writing x or y in terms of the other variable and correctly substituting
	eg $4 \times$ "3" $+ 2y = 9$ **or** $4x + 2 \times$ "-1.5" $= 9$ **or** $x = 9 + 4 \times$ "-1.5"			M1	(dep) correct method to find second variable using their value from a correct method to find first variable or for repeating above method to find second variable
				A1	oe, dep first M1
9 (a)		4.8×10^{11}	1	B1	
(b)		$2^{14} \times 3 \times 5^{10}$	3	B3	for the correct answer
				B2	for an answer in the form $2^m \times 3 \times 5^n$, where m and n are positive integers
				B1	for at least 2 correct steps in repeated prime factorisation (including tree diagram)
(c)		29 296 875	1	B1	Accept 3×5^{10}, 2.9296875×10^7