Extending a pattern and determining its formula

1.	(a)	10, 12, 14, 16, 18, 20	1	all entries
		28	1	
		38	1	
		48	1	
	(b)	$b = 2n \dots$	1	multiplier
		+ 8	1	addition
	(c)	$2 \times 23 + 8$	1	substitution
		54 burgers	1	answer
		[8]		
2.	(a)	15, 18	1	both entries
		39	1	
	(b)	b = 3d	1	multiplier
		+ 3	1	addition
	(c)	3d + 3 = 57	1	setting up equation
		18 diamonds	1	solution
		[6]		

[14 marks]