Question	Answer	Marks	Guidance
(a)	$2 \times 6k = k + k + 6$ or $6k - k = k + 6 - 6k$ or $2d = 6$ leading to $d = 3,\ \therefore 6k - 3 = k$	**B1**	OE A correct equation in k only. Can be implied by correct final answer.
	$k = \frac{6}{10}$ or 0.6	**B1**	OE
		2	

Question	Answer	Marks	Guidance
(b)	$d = 3$	**B1**	Correct value of d can be implied by a correct final answer. Working may be seen in part **(a)** but must be used in **(b)**.
	$S_{30} = \frac{30}{2}\left(2 \times \text{'their } k\text{'} + 29 \times \text{'their } d\text{'}\right)$	**M1**	It needs to be clear that the candidate is using a correct sum formula. There is no requirement to check the candidates working for d but it must be clearly identified.
	$S_{30} = 1323$	**A1**	ISW if corrected to 1320.
		3	