

Q	Marking instructions	AO	Marks	Typical solution
7	Obtains $a + 5$, $2a + 5$ and $3a + 5$ PI by correct answer or $6a + 15$ ACF	2.5	B1	$a + 5 + 2a + 5 + 3a + 5 = 57$ $6a + 15 = 57$ $6a = 42$ $a = 7$
	Forms an equation using sum of three terms with at least two of $a + 5$, $2a + 5$ or $3a + 5$ or uses $S_n = \frac{n}{2}(2a + (n - 1)d)$ with at least two of $n = 3$, first term $a + 5$ and $d = a$ or uses $S_n = \frac{n}{2}(a + L)$ with at least two of $n = 3$, first term $a + 5$ and $L = 3a + 5$ or uses $6a + 15$ in an equation Must use 57 in the equation PI by correct answer	3.1a	M1	
	Obtains 7	1.1b	A1	
	Question 7 Total		3	