

12	(a)	11	B1	cao	
	(b)	Yes (supported)	M1	<p>for method to show that 63 is in the sequence, eg starts to list terms of the sequence, with at least 3 correct or $6n + 3 = 63$ or $(63 - 3) \div 6 (= 10)$ or $6 \times 10 + 3$ or $(63 - 27) \div 6$ or $27 + 6 + 6 + 6 + 6 + 6 + 6$</p>	33, 39, 45, 51, 57, 63
			A1	<p>eg Yes and 33, 39, 45, 51, 57, 63 Yes and $n = 10$ Yes and $(63 - 3) \div 6$ is a whole number Yes and $6 \times 10 + 3 = 63$ Yes and 63 - 27 is divisible by 6, and the sequence goes up in 6's Yes and $27 + 6 + 6 + 6 + 6 + 6 + 6 = 63$ OR Like all the other terms in the sequence, it is in the 3 times table but not the 6 times table It's the 10th term / 63 is the 10th term</p>	<p>'Yes' can be implied by an equivalent statement eg '63 is in the sequence'</p> <p>Ignore additional incorrect statements but if the statement contradicts award A0 eg '33, 39, 45, 51, 57, 63, and yes and it's the 11th term' would be M1A0</p>