



Q	Answer	Marks
1	a) 25 and 27 b) 20 c) 40 is even, the 20th odd number is 39	3
2	26	2
3	a) 14 and 24 b) 43 and 22 c) 24	3
4	5, 11, 17	2
5	a) 16, 12, 8, 4 b) -20	2
6	a) 16 b) 54 c) -2	3
7	$4n + 1$	2
8	a) 50 b) 15	4
9	a) 57 b) Yes, $5n - 3 = 122$ gives $n = 25$, a whole number	3
10	a) 13 b) $3n + 1$ c) Pattern 10	4
11	6 m	3
12	a) $7n + 1$ b) $7n + 1 = 150$ gives $7n = 149$, and 149 is not divisible by 7	4

Full worked solutions, written out by hand, are on the solutions sheet for this topic.