Arithmetic Sequences Revision

(a)	(b)	(c)	(d)
Find the nth term of the sequence $11, 15, 19, 23, \dots$	Find the nth term of the sequence $2, 9, 16, 23, \dots$	Find the nth term of the sequence $9, 6, 3, 0, \dots$	Find the nth term of the sequence $-3, -5.5, -8, -10.5, \dots$
$4n + 7$	$7n - 5$	$12 - 3n$	$-0.5 - 2.5n$

(e)	(f)	(g)	(h)
The nth term of a sequence is $5n + 3$. Find the $(n+1)th$ term of the sequence.	Find the $(n+1)th$ term of the sequence $7, 10, 13, 16, \dots$	The third term of an arithmetic sequence is 11. The tenth term of the sequence is 32. Find the first term of the sequence.	The fifth term of an arithmetic sequence is -2. The twelfth term of the sequence is -12.5. Find the first term and the common difference.
$5n + 8$	$3n + 7$	5	$a = 4$ $d = -1.5$

(i)	(j)	(k)	(l)
Find the sum of the first 20 terms of the arithmetic series with first term 5 and common difference 4.	Find the sum of the first 50 terms of the arithmetic series which starts $7, 4, 1, -2, \dots$	An arithmetic series starts $2, 5, 8, \dots$ and has a last term 149. Find the number of terms in the sequence.	Find the sum of the first 40 odd numbers.
860	-3325	50	1600