Decode the Maths Joke

Nth Term of a Linear Sequence

Find the nth term for each of the letters of the alphabet.

A	$2, 4, 6, 8, \ldots$	
B	$3, 5, 7, 9, \ldots$	
C	$2, 5, 8, 11, \ldots$	
D	$6, 11, 16, 21, \ldots$	
E	$3, 6, 9, 12, \ldots$	
F	$2, 6, 10, 14, \ldots$	
G	$9, 11, 13, 15, \ldots$	
H	$-2, 1, 4, 7, \ldots$	
I	$9, 16, 23, 30, \ldots$	
J	$8, 16, 24, 32, \ldots$	
K	$-2, -4, -6, -8, \ldots$	
L	$-2, -1, 0, 1, \ldots$	
M	$-3, -1, 1, 3, \ldots$	

N	$-3, -6, -9, -12, \ldots$	
O	$9, 8, 7, 6, \ldots$	
P	$10, 8, 6, 4, \ldots$	
Q	$-4, -8, -12, -16, \ldots$	
R	$17, 14, 11, 8, \ldots$	
S	$-6, -3, 0, 3, \ldots$	
T	$-1, -2, -3, -4, \ldots$	
U	$0.5, 1, 1.5, 2, \ldots$	
V	$-3, -4, -5, -6, \ldots$	
W	$2.5, 4, 5.5, 7, \ldots$	
X	$2.5, 2, 1.5, 1, \ldots$	
Y	$0.5, -1, -2.5, -4, \ldots$	
Z	$2, 3.5, 5, 6.5, \ldots$	

Now decode the joke….

$1.5n + 1$	$3n - 5$	$2n$	$-n$		$7n + 2$	$3n - 9$		$2n$		$2n + 1$

$7n + 2$	$20 - 3n$	$5n + 1$	`	$3n - 9$		$4n - 2$	$2n$	$-n - 2$	$10 - n$

$0.5n$	$20 - 3n$	$7n + 2$	$-n$	$3n$		$-n$	$2 - 1.5n$	$12 - 2n$	$3n$

$10 - n$	$4n - 2$		$2n - 5$	$2n$	$-n$	$3n - 5$	$3n - 9$	?

$10 - n$	$1.5n + 1$	$n - 3$	-	$2n + 7$	$3n$	$2n + 1$	$20 - 3n$	$2n$	!