

Sequences – Fitting the Rule to the Sequence

Each of the rules in the table below is followed by the wrong sequence. Your task is to write out the table and put the rule with its correct sequence.

	Term Number - n								
n^{th} term	1	2	3	4	5	6	7	8	9
$2n + 3$	4	8	12	16	20	24	28	32	36
$3n - 2$	6	5	4	3	2	1	0	-1	-2
$n + 2$	1	4	7	10	13	16	19	22	25
$2n$	8	6	4	2	0	-2	-4	-6	-8
$3n - 6$	4	9	13	17	21	25	29	33	37
$5n + 3$	5	7	9	11	13	15	17	19	21
$4n$	-3	0	3	6	9	12	15	18	21
$7 - n$	3	4	5	6	7	8	9	10	11
$10 - 2n$	8	13	18	22	27	32	37	42	47
$4n + 1$	2	4	6	8	10	12	14	16	18