

LO- Continuing a sequence/number pattern.

My Task – Draw a table like the one below and write each term of the sequence in the box. Just follow the rule of the sequence!

n	0	1	2	3	4	5
t						

He is an example: $2n + 1$ is the 'term to term' rule.

I multiply n by 2 and **then** add 1.
 Starting with n=0, n=1 and so on
 $2(0) + 1 = 1$ so I write 1 in the box
 $2(1) + 1 = 3$
 $2(2) + 1 = 5$

n	0	1	2	3	4	5
t	1	3	5	7	9	11

Your Go. Write out the first 6 terms starting with 0 and finishing at 5

- (1) $n+1$
- (2) $2n - 1$
- (3) n^2
- (4) $3n$
- (5) $2n+2$
- (6) $1-n$
- (7) $2n^2$
- (8) $2+n$
- (9) $\frac{1}{2} n$
- (10) n^3
- (11) $3n-5$
- (12) $4-5n$
- (13) n
- (14) $(n+1)^2$
- (15) $5n$
- (16) $1-n^2$
- (17) $4n-3$
- (18) $n + n$

Task 2:
 Carry on the sequences for negative numbers:

n	-5	-4	-3	-2	-1
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