

Use DINO to find the  $n$ th term of a linear sequence

Di  $\rightarrow$  N  $\rightarrow$  O

Difference between terms

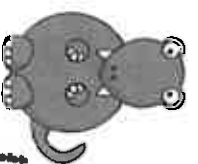
$n$

One before the 1st term

Find the  $n$ th term of the following sequences:



1	5, 8, 11, 14, 17, ...	2	12, 17, 22, 27, 32, ...	3	3, 7, 11, 15, 19, ...
4	13, 23, 33, 43, 53, ...	5	5, 14, 23, 32, 41, ...	6	7, 13, 19, 25, 31, ...
7	5, 11, 17, 23, 29, ...	8	7, 9, 11, 13, 15, ...	9	14, 21, 28, 35, 42, ...
10	8, 16, 24, 32, 40, ...	11	8, 6, 4, 2, 0, ...	12	5, 2, -1, -4, -7, ...
13	-5, -15, -25, -35, -45, ...	14	96, 92, 88, 84, 80, ...	15	-10, -13, -16, -19, -22, ...



Use DINO to find the  $n$ th term of a linear sequence

Di  $\rightarrow$  N  $\rightarrow$  O

Difference between terms

$n$

One before the 1st term

Find the  $n$ th term of the following sequences:



1	5, 8, 11, 14, 17, ...	2	12, 17, 22, 27, 32, ...	3	3, 7, 11, 15, 19, ...
4	13, 23, 33, 43, 53, ...	5	5, 14, 23, 32, 41, ...	6	7, 13, 19, 25, 31, ...
7	5, 11, 17, 23, 29, ...	8	7, 9, 11, 13, 15, ...	9	14, 21, 28, 35, 42, ...
10	8, 16, 24, 32, 40, ...	11	8, 6, 4, 2, 0, ...	12	5, 2, -1, -4, -7, ...
13	-5, -15, -25, -35, -45, ...	14	96, 92, 88, 84, 80, ...	15	-10, -13, -16, -19, -22, ...