



### nth term of linear sequences

	Sequence	Term to term rule	Diagram	nth term
E.g.	5, 9, 13, 17, 21	Add 4		$4n + 1$
1	7, 10, 13, 16, 19			
2	9, 16, 23, 30, 37			
3	2, 6, 10, 14, 18			
4	5, 13, 21, 29, 37			
5	4, 5, 6, 7, 8			
6	6, 9, 12, 15, 18			
7	21, 18, 15, 12, 9			
8	3, -2, -7, -12, -17			
9	-17, -15, -13, -11, -9,			
10	$\frac{2}{5}, \frac{3}{8}, \frac{4}{11}, \frac{5}{14}, \frac{6}{17}$			