

The nth Term *ramp up*

ANSWERS

a Find the n th term of 5, 10, 15, 20, ... $5n$ the times table	b Find the n th term of 4, 7, 10, 13, ... $3n + 1$ the times table moved up	c Find the n th term of 1, 3, 5, 7, ... $2n - 1$ the times table moved down	d Find the n th term of -5, -2, 1, 4, ... $3n - 8$ a negative first term
e Find the n th term of 20, 17, 14, 11, ... $23 - 3n$ a decreasing sequence	f Find the n th term of 1.5, 2, 2.5, 3, ... $\frac{n}{2} + 1$ a fraction difference	g Find the 100th term of 6, 10, 14, 18, ... 402 a term far along	h Which term of 7, 12, 17, 22, ... is 102? $the\ 20th$ which term a number is
i Is 75 a term of 4, 7, 10, 13, ...? no is a number a term?	j Find the first term over 100 in 9, 16, 23, ... 107 the first term over a value	k The 3rd term is 11 and the 7th term is 23. Find the linear n th term. $3n + 2$ the rule from two terms apart	l Find the smallest number in both $3n + 1$ and $5n + 2$ 7 a number in two sequences

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