

The nth Term of a Linear Sequence

1

Find the n th term.

n

1234

+2+2+2

57911

2n

n th term =

n

+

2

Find the n th term.

n

1234

+5+5+5

8131823

n

n th term =

n

+

3

Find the n th term.

n

1234

+3+3+3

7101316

n

n th term =

n

+

4

Find the n th term.

n

1234

+10+10+10

11213141

n

n th term =

n

+

5

Find the n th term.

n

1234

9131721

n

n th term =

n

+

6

Find the n th term.

n

1234

8142026

n

n th term =

n

+

7

The n th term is $4n + 1$. Write the first four terms.

n

1234

$4n$

8

These are the sticks in each pattern. Find the n th term.

Pattern

1234

3579

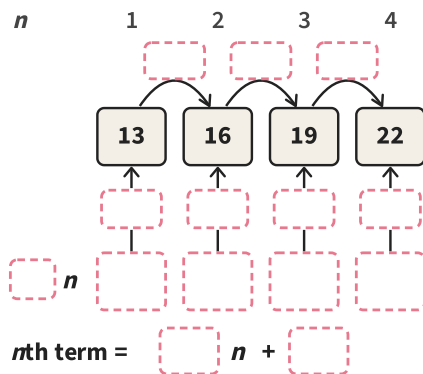
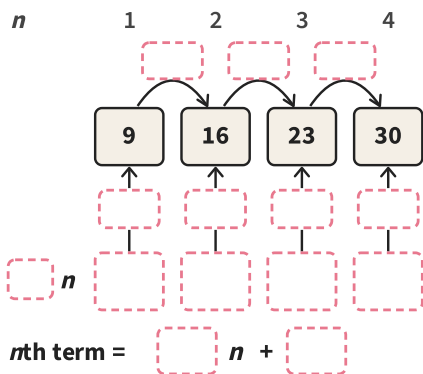
n

n th term =

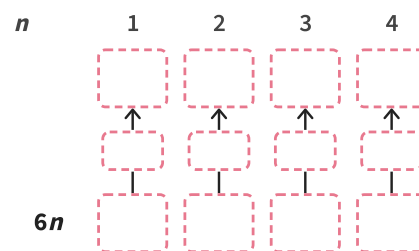
n

+

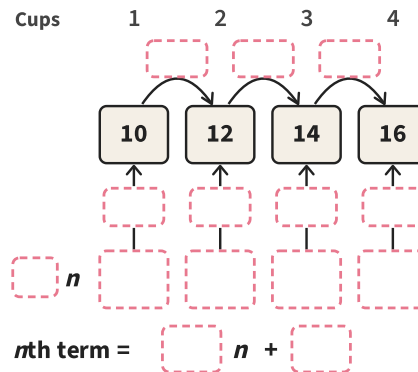
The Maths Habit



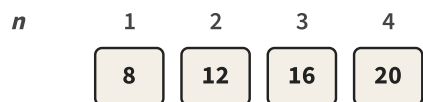
Write the first four terms



ans: in ans: Find the n th terms for



Find the n th term of the sequence.



n th term

Age Group	Number of People
18-24	10
25-34	20
35-44	30
45-54	40
55-64	50
65-74	60
75-84	70
85+	90

Find the 10th term of the sequence.

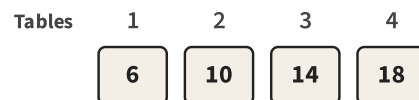


***n*th term**

10th term

Country	Number of people aged 65 and over in 2010 (millions)
China	150
India	100
USA	50
UK	20

These are the chains for rows



n th term

10 tables

Month	Percentage
March	20%
April	25%
May	35%

He says the main term of this



The hop is 2, so Mo should

Right answer