

# The nth Term — Cheat Sheet

11+ Maths Guide · Year 5-6 · Keep this by your desk

## THE NTH TERM

1. Gap = the times table: gap 4  $\rightarrow 4n$ .
2. Compare  $4n$ 's values with the real terms.
3. Adjust: terms above  $\rightarrow +$ , below  $\rightarrow -$ .
4. Test on  $n = 1$  and  $n = 2$  before using.

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**Examples:**  $3, 7, 11 \rightarrow 4n - 1$  (100th = 399) ·  $5, 8, 11 \rightarrow 3n + 2$  (50th = 152).