

Examples: Find the n th term of each of these sequences.

1) **4, 7, 10, ...**

Going up by three each time.

So, based on the 3x table.

Each term is 1 more than the 3 x table.

$3n + 1$

2) **1, 6, 11, ...**

Going up by five each time.

So, based on the 5x table.

Each term is 4 less than the 5x table.

$5n - 4$

Exercise: Find the n th term of each of these sequences.

1. 7, 13, 19, ...

8. 3, 11, 19, ...

2. 6, 11, 16, ...

9. 9, 14, 19, ...

3. 7, 10, 13, ...

10. 21, 41, 61, ...

4. 5, 8, 11, ...

11. 4, 15, 26, ...

5. 6, 8, 10, ...

12. 9, 21, 33, ...

6. 2, 9, 16, ...

13. -2, 1, 4 ...

7. 7, 17, 27, ...

14. -5, 0, 5, ...