

1. Here are the first five terms in a number sequence.

7 10 13 16 19

- (a) Find the 10th term in this number sequence.

.....
(2)

- (b) Write an expression, in terms of n , for the n th term of this number sequence.

.....
(2)

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2. A number sequence has n th term $6n + 3$

- (a) Write down the first four terms of this sequence.

1st term, 2nd term, 3rd term, 4th term
(3)

- (b) Sara says that 1008 is a term in this sequence.
Explain why she is wrong.

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.....
.....
(1)

3. A sequence of numbers is shown below.

1 5 9 13 17

- (a) Find an expression for the n th term of the sequence.

.....
(2)

- (b) Explain why 95 will not be a term in this sequence.

.....
.....
(2)

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4. The n th term of a number sequence is given by $5n + 2$

- (a) Work out the first three terms of the number sequence.

1st term, 2nd term, 3rd term
(2)

Here are the first five terms of another number sequence.

5 11 17 23 29

- (b) Find, in terms of n , an expression for the n th term of this sequence.

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(2)