

AQA, OCR, Edexcel

GCSE

GCSE Maths

Sequences and Finding the nth
term Questions

Name:

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Total Marks:

Sequences / nth term

1. Consider the sequence 4, 6, 8, 10, ...
 - a. Calculate the 5th and 6th term of the sequence.
 - b. Give the nth term for this sequence.

(5 Marks)

2. Find the nth term of the following sequence and hence find the 10th term of the sequence.

-3, 0, 3, 6

(3 Marks)

3. Find the nth term of the following sequence and hence find the 100th term of the sequence.

1, 8, 15, 22

(3 Marks)

4. Find the nth term of the following sequence and hence find the 10th term in the sequence.

4, 10, 20, 34

(4 Marks)

5. Find the nth term of the following sequence and hence find the 15th term of the sequence.

-2, 7, 22, 43

(4 Marks)

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6. Find the n th term for the following sequences (Hard)

a. 14, 33, 58, 89, 126

b. 3, 17, 35, 57, 83

c. 13, 23, 35, 49, 65

d. 6, 20, 42, 72, 110

(8 Marks)