

AQA, OCR, Edexcel

GCSE

GCSE Maths

Sequence Problems Questions

Name:

M M E

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Total Marks: /13

Sequences Problems

1. The n th term of a sequence is given by the expression $6n + 5$. The sum of two consecutive terms is 112. Find the value of these two terms.

(3 marks)

2. The n th term of a sequence is given by the expression $10n - 11$. The sum of two consecutive terms is 188. Find the value of these two terms.

(3 Marks)

3. The n th term of a sequence is given by the expression $n^2 + 5$. The sum of two consecutive terms is 95. Find the value of these two terms.

(4 Marks)

4. The first 4 terms in a sequence are $\sqrt{5}, 5, 5\sqrt{5}, 25$
Find the expression for the n th term of the sequence.

(3 Marks)