



# $n^{\text{th}}$ term of a Quadratic Sequence



SCAN ME

REVISE THIS TOPIC

CHECK YOUR ANSWERS

SCAN ME

1 Here are the first four terms of a quadratic sequence.

4      13      26      43      64

Work out an expression for the  $n^{\text{th}}$  term. [3 marks]

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Answer \_\_\_\_\_

2 Here are the first four terms of a quadratic sequence.

7      18      35      58      87

Work out an expression for the  $n^{\text{th}}$  term. [3 marks]

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Answer \_\_\_\_\_





3 Here are the first four terms of a quadratic sequence.

2      9      18      29      42

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_

4 Here are the first four terms of a quadratic sequence.

2      11      30      59      98

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_





5 Here are the first four terms of a quadratic sequence.

-3    0    5    12    21

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_

6 Here are the first four terms of a quadratic sequence.

8    19    34    53    76

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_

Turn over ►





7 Here are the first four terms of a quadratic sequence.

11    10    5    -4    -17

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_

8 Here are the first four terms of a quadratic sequence.

1.5    9    17.5    27    37.5

Work out an expression for the  $n$ th term.

[3 marks]

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Answer \_\_\_\_\_

