**1**  Here are the first five terms of a quadratic sequence.

$$4 \qquad 13 \qquad 26 \qquad 43 \qquad 64$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

.................................................................

**(Total for Question 1 is 3 marks)**

**2**  Here are the first five terms of a quadratic sequence.

$$7 \qquad 18 \qquad 35 \qquad 58 \qquad 87$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

.................................................................

**(Total for Question 2 is 3 marks)**

1

**3** Here are the first five terms of a quadratic sequence.

$$2 \qquad 9 \qquad 18 \qquad 29 \qquad 42$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

**(Total for Question 3 is 3 marks)**

**4** Here are the first five terms of a quadratic sequence.

$$2 \qquad 11 \qquad 30 \qquad 59 \qquad 98$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

**(Total for Question 4 is 3 marks)**

Solutions

**5** Here are the first five terms of a quadratic sequence.

$$-3 \qquad 0 \qquad 5 \qquad 12 \qquad 21$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

...........................................................................................

**(Total for Question 5 is 3 marks)**

**6** Here are the first five terms of a quadratic sequence.

$$8 \qquad 19 \qquad 34 \qquad 53 \qquad 76$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

...........................................................................................

**(Total for Question 6 is 3 marks)**

**3**

**7** Here are the first five terms of a quadratic sequence.

$$11 \qquad 10 \qquad 5 \qquad -4 \qquad -17$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

......................................................................................

**(Total for Question 7 is 3 marks)**

**8** Here are the first five terms of a quadratic sequence.

$$1.5 \qquad 9 \qquad 17.5 \qquad 27 \qquad 37.5$$

Find an expression, in terms of $n$, for the $n$th term of this sequence.

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**(Total for Question 8 is 3 marks)**