

Exam Style Questions

Quadratic Sequences

1. A quadratic sequence has an n^{th} term of $2n^2 + 3n - 1$

Work out the value of the 6^{th} term of the sequence

.....

2. A sequence has an n^{th} term of $n^2 - 6n + 7$

Work out which term in the sequence has a value of 23.

.....

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

4 11 20 31 44

Find an expression, in terms of n , for the n^{th} term of this quadratic sequence.

.....