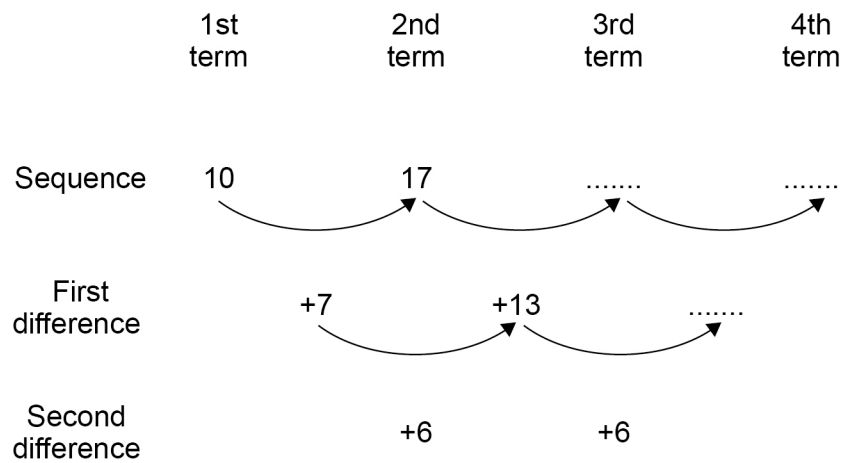


Here is some information about the sequence.



**[4 marks]**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Answer \_\_\_\_\_

Here are the first four terms of a quadratic sequence.

3      20      47      84

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

**[4 marks]**

Answer \_\_\_\_\_