1 The *n*th term of a sequence is given by $an^2 + bn$ where *a* and *b* are integers.

					for Question	(2)	
(b) Find an expression, in terms of n , for the n th term of this sequence.							
	0	2	6	12	20		
Here are the first five terms	s of a diff	erent qua	idratic se	quence.			
						(4)	
	e sequence	e.					
(a) Find the 6th term of the	a commone						
The 4th term of the sequen (a) Find the 6th term of the							

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

-1 5 15 29 47 69

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

.....

(Total for Question is 3 marks)

3 Here are the first five terms of a sequence.

	U	3	8	15						
Find an expression, in terms of n , for the n th term of this sequence.										
	as of n , for	ns of n, for the nth te	as of n , for the n th term of this s	ns of n , for the n th term of this sequence.						

(Total for Question is 2 marks)

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

10 21 38 61 90

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

(Total for Question is 3 marks)