1.	Write down the next two terms in the following quadratic
se	quence.
	9, 13, 19, 27

.....(2)

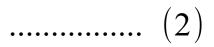
2. Write down the next two terms in the following quadratic sequence.

-5, 0, 9, 22...

3. The nth term of a sequence is

$$2n^2 + 4n - 1$$

Work out the 10th term of the sequence



4. The nth term of a sequence is

$$n^2 + 2n$$

Work out the first 5 terms in the sequence

5. Work out the formula for the nth term of the quadratic sequence:

5, 11, 19, 29...

.....(4)

6. Work out the formula for the nth term of the quadratic sequence:

2, 10, 22, 38...

7.	Work out the formula for the nth term of t	he
qu	adratic sequence:	

15, 19, 25, 33...

..... (4)

8. Work out the formula for the nth term of the quadratic sequence:

2, 10, 24, 44...

9.	Work out the formula for the nth term of the
qu	adratic sequence:

.....(4)

10. Work out the formula for the nth term of the quadratic sequence:

$$-2, -1, 1, 4...$$

11. A quadratic sequence starts:

a) Show that the nth term is  $n^2 + n + 4$ 

b) Hence find the term that has value 136

 $\dots \qquad (2)$ 

12. A quadratic sequence starts:

a) Show that the nth term is  $2n^2 + 4n - 14$ 

b) Hence find the term that has value 272

.....(2)