**MORE QUADRATIC PATTERNS**

1. For the sequence 8; 20; 38; 62; ….determine:
2. The general term
3. The 20th term of the sequence

Solution: a. 8 20 38 62

12 18 24 First difference

6 6 Second difference  **3**

**Therefore:**



**EXERCISE:** For the sequence 1; 6; 15; 28……determine:

1. The general term

b. the 10th term of the sequence