STANDARD 5TH: CHAPTER 15

Patterns

4

9

16

25
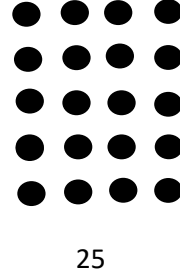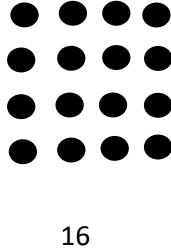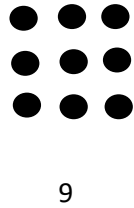
These are called 'square numbers'. They can be distributed in equal number of rows & columns.
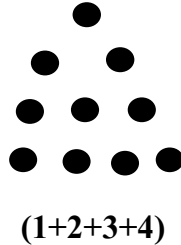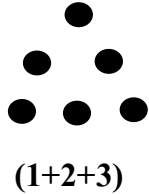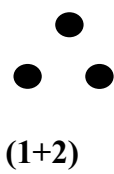

(1+2)

(1+2+3)

(1+2+3+4)

(1+2+3+4+5)
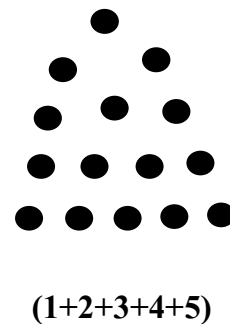
These are called 'triangular numbers' .

They are written iss specific pattern like 1 us 1st row, 2 in 2nd row, 3 in 3rd row & so on

1) Find square numbers from given list

   5, ⑨ 12, ⑯ , 50, 60, ㉔ , 72, 80, ㉛

2) Find triangular numbers from given list

   ③ , ⑥ , 8, 9, 12, ⑮ , 16, 20, ㉑ , 42

3) Which mumber is square as well as triangular?

4) If 4 is 1st sq. no. Find 10th One.

5) If 3 is 1st triangular no. find 10th One.