From 1 to 3, we add 2

From 3 to 6, we add 3

From 6 to 10, we add 4

From 10 to 15, we add 5

Therefore next 3 numbers,

15+6=21

21+7=28

28+8=36

The pattern = 1,3,6,10,18

This pattern is called -

The pattern = 1,3,6,10,15,21,28,36
This pattern is called the "Arriangular numbers".

First, list the first 5 odd numbers:

Now we have to the odd numbers, 1+3=4 4+5=9

9+7=16

2.

16+9=25

The total sum the odd numbers is 25 lf odd numbers added like this it forms square numbers

First observe the pattern.

Each number is doubling the previous number

 $1 \times 2 = 2$

 $2 \times 2 = 4$