

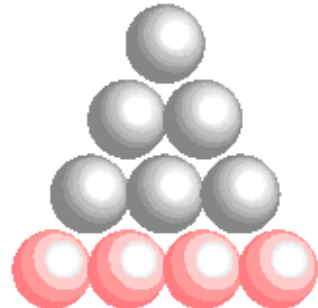
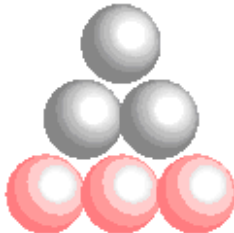
TRIANGULAR NUMBERS



1



3



1

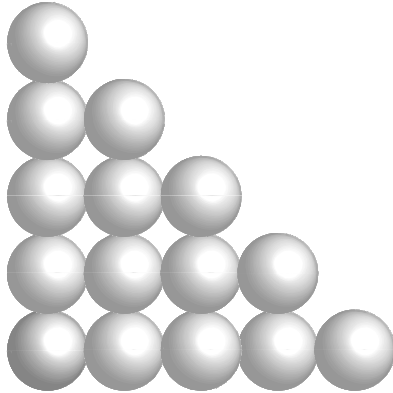
$$\underline{3} = \underline{1} + 2$$

$$\underline{6} = \underline{3} + 3 = 1 + 2 + 3$$

$$\underline{10} = \underline{6} + 4 = 1 + 2 + 3 + 4$$

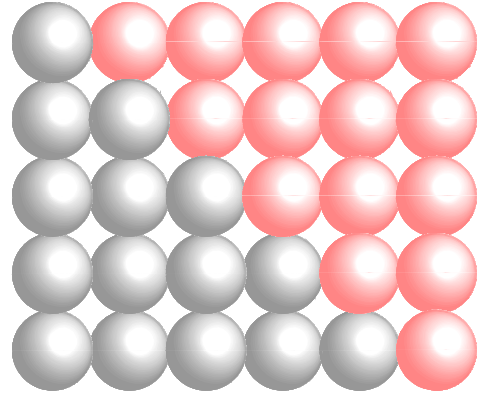
Write down next two triangular numbers:

CALCULATING TRIANGULAR NUMBERS



15

5th triangular number



5 x 6 = 30

30 : 2 = 15

100th Triangular number:

$$100 \times 101 = 10100$$

$$10100 : 2 = 5050$$

Find the 10th triangular number:

Calculate the triangular number:

$$1 + 2 + 3 + 4 + \dots + 998 + 999 + 1000 =$$