Average Formula

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Average Formula

Average Formula PDF For Bank Exams

Average formula: Average is calculated by dividing the sum of all values by the total number of values.

Average Formula = Sum of all values / Total number of values

Average Formula For Bank Exams		
S. No	**Average**	**Formula**
1.	Average	A sum of all values / Total number of values
2.	A sum of all values	Average x Total number of values
3.	The average of first n natural numbers	(n +1) / 2
4.	The average of the squares of first n natural numbers	(n +1)(2n+1) / 6.
5.	The average of cubes of first n natural numbers	n(n+1)2 / 4

Average Formula

6.	The average of the first n odd numbers	(last odd number +1) / 2
7.	The average of first n even numbers	(last even number + 2) / 2
8.	The average of squares of the first n consecutive even numbers	2(n+1)(2n+1) / 3
9.	The average of squares of consecutive even numbers till n	(n+1)(n+2) / 3
10.	The average of squares of squares of consecutive odd numbers till n	n(n+2) / 3
11.	If the average of n consecutive numbers is m, then the difference between the smallest and the largest number	2(m-1)
12.	If the number of quantities in two groups is n1 and n2 and their average is x and y respectively, then the combined average	(n1x+n2y) / (n1+ n2)
13.	The average of n quantities is equal to x. When a quantity is removed, the average becomes y. Then the value of the removed quantity	n(x-y) + y

14.	The average of n quantities is equal to x. When a quantity is added, the average becomes y. Then the value of the new quantity	n(y-x) + y

Deviation Formula

Average derivation formula: The deviation is calculated on the basis of the old average. The deviation formula is,

Deviation = (New average - Old average) * Total number of terms