

Average

1) Average of 5 positive integers is 436. The average of first two numbers is 344 and the average of last two numbers is 554. What is the third number?

- a) 50 0 b) 25 0 c) 384 d) 240

2).Find the average of first 50 natural number.

- a) 50 b) 25 c) 25.5 d) 24

3).The average height of a group of 12 boys increases by 2 inches when a boy a height 52 inches is replace by another boy. What is the height of the new boy?

- a) 54 b) 76 c) 72 d) 48

4).The average age of members of a family in the year 2000 was 35 years. What is the average age of the family in year 2002?

- a) 36 b) 34 c) 37 d) Cannot be determined

5).The average age of a family of 6 members, 3 years ago was 28 years. Meanwhile a child was born in the family and the average age of the family members is 27 years today. What would be the age of the child so born

- a) 3 years b) 5 years c) 2 years d) 1 years

6) If the average of 5 consecutive odd integers is 11 then the average of last 3 of them is:

- a) 11 b) 13 c) 19 d) 9

7) The average age of A and B is 22 years. If C were to replace A, the average would be 18 and if C were to replace B, the average would be 23. What are the ages of A, B and C?

- a) 27, 17, 19 b) 18, 22, 20 c) 22, 20, 18 d) 18, 20, 22

8) The average weight of 15 girls in a group is 24 kg when a new girl included the average weight increases by 2. What is the weight of the new girl ?

- a) 56 kg b) 28 kg c) 34 kg d) none of these

9) The average age of five members is 27. If one of them is excluded the average decreases by 2. The age of excluded person is:

- a) 40 b) 35 c) 28 d) 38

10) The average age of 30 students in a class is 20 years.The average age of 25 students is 15.What is the average age of remaining students

- A)42 B)54 C)34 D)45

11. The average score of 29 students of a class in a history test is 68 (out of 120) . After removing the top 3 scores , the average score drops by 2.5. If the second highest score is less than 85 and the second highest and the third highest scores are not same, the highest score should be at least what value ? (Consider all scores are integer)

- a. 95 b. 98 c. 106 d. 102

12. The sum of 5 consecutive odd numbers of set A is 185. What will be the average of set B containing 4 consecutive even numbers if the smallest number of set B is 13 more than the higher number of set A?

- a. 55 b. 61 c. 53 d. 57

13. The average weight of 38 students of a class was 44kg. After 12 new students joined the class. The average weight increased by 4.68 kg. What is the average weight of 12 new students who newly joined the class ?

- a. 61.5 b. 65 c. 63.5 d. 62

14. The average of five consecutive odd numbers is 95. What is the fourth number in the descending order?

- a. 91 b. 95 c. 99 d. 93

15. The average weight of M, N and O is equal to 65kg. The average weight of N and M is equal to 69.5 kg. The average weight of N and O is 66.5 kg. What is the weight of N?

- a. 74 kg b. 75 kg c. 77kg d. 80 kg

16. The average of 15 numbers is 7. If the average of the first 8 numbers is 6.5 and the average of last 8 numbers is 8.5, then the middle number is

- a. 15 b. 10 c. 23 d. 13

17. The average of eight numbers taken together is 12. Two of these numbers are 0 and the remaining numbers are equal, what is the value of the non-zero number?

- a. 12 b. 14 c. 16 d. 18

18. The average score of a class of boys and girls in an examination is A. the ratio of boys and girls in the class is 3:1 . if the average score of the boys is (A+1) , the average score of the girls is :

- a. (A-1) b. (A-3) c. (A+1) d. (A+3)

19. Some students planned a picnic. The budget for food was Rs 500. But 5 of them failed to go and thus the cost of food for each member increased by Rs 5. How many students attends the picnic?

- a. 15 b. 20 c. 25 d. 30

20. How many students are there in the class?

I. The average weight of the class is 52

II. If two students weighting 44kg and 52 kg leave the class and are replaced by two students weighting 64kg and 56kg. the average weight of the class increases by 1.2 kg