

AVERAGE

1. The average of 7 consecutive numbers is 20. The largest of these numbers is: (a)21 (b)22(c)23(d)24
2. The average weight of 8 persons increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?
(a) 70 kg (b) 75 kg (c) 80 kg (d) 85 kg
3. A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half. The number of pupils in the class is: (a) 42 (b) 40 (c) 49 (d) 36
4. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is: (a) 285 (b) 295 (c) 300 (d) 308
5. The average of five consecutive odd numbers is 61. What is the difference between the highest and lowest numbers? (a)6 (b)8 (c)10 (d)12
6. The average weight of a class of 24 students is 35 kg. If the weight of the teacher be included, the average rises by 400 g. The weight of the teacher is: (a) 45 kg (b) 47 kg (c) 49 kg (d) 51 kg
7. The mean of 50 observations was 36. It was found later that an observation 48 was wrongly taken as 23. The corrected new mean is: (a) 36 (b) 36.5 (c) 42.5 (d) 44
8. The average of 11 numbers is 10.9. If the average of the first six numbers is 10.5 and that of the last six numbers is 11.4, then the middle number is: (a) 10.5 (b) 11.5 (c) 12.5 (d) 13.5
9. The average temperature for Monday, Tuesday, Wednesday and Thursday was 48 degrees and for Tuesday, Wednesday, Thursday and Friday was 46 degrees. If the temperature on Monday was 42 degrees. Find the temperature on Friday? (a)34 (b)38 (c)40 (d)42
10. The average age of 8 men is increased by 2 years when two of them whose ages are 21 years and 25 years are replaced by two new men. The average age of the two new men is: (a) 40 (b) 30 (c) 20 (d) 50
11. A batsman in his 17th innings makes a score of 85 and their by increasing his average by 3. What is his average after the 17th innings?
(a)34 (b)36 (c)35 (d)37
12. The average age of a husband and his wife was 23 years at the time of their marriage. After five years they have a one-year old child. The average age of the family now is: (a)20 (b)21 (c)19 (d)16
13. Of the four numbers, whose average is 60, the first is one-fourth of the sum of the last three. The first number 15:
(a)17 (b)29 (c)36 (d)48

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14. Andrew has 14 boxes of paper and divides them evenly between 4 co-workers. How many whole boxes did each co-worker get? (a) 2 (b) 2.5 (c) 3 (d) 3.5

15. A team of 8 persons joins in a shooting competition. The best marksman scored 85 points. If he had scored 92 points, the average score for the team would have been 84. The number of points, the team scored was: (a) 665 (b) 658 (c) 659 (d) 678

16. The average salary of all the workers in a workshop is Rs8000. The average salary of 7 technicians is Rs12000 and the average salary of the rest is Rs 6000. The total number of workers in the workshop is: (a)19 (b)21 (c)20 (d)22

17. The average age of 36 students in a group is 14 years. When teacher's age is included to it, the average increases by one. What is the teacher age in years? (a) 38 years (b) 42 years (c) 51 years (d) 53 years

18. Out of 9 persons, 8 persons spent 30 each for their meals. The ninth one spent 20 more than the average expenditure of all the nine. The total money spent by all of them was: (a) 292.50 (b) 297 (c) 297.50 (d) 298.50

19. A family consists of grandparents, parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

5 6 4 4
(a) 31 (b) 32 (c) 34 (d) 35
7 7 7 9

20. In an examination, a pupil's average marks were 63 per paper. If he had obtained 20 more marks for his Geography paper and 2 more marks for his History paper, his average per paper would have been 65. How many papers were there in the examination ? (a)8 (b)9 (c)10 (d)11

1. c 2. d 3. b 4. a 5. b 6. a 7. b 8. b 9. a 10. b 11. a 12. c 13. d 14. c 15. a 16. b 17. c 18. a 19. a 20. d