uantMasters

AVERAGE LEVEL–1

1) What is the average of first 13 multiple of 12?

A. 156
B. 84
C. 168
D. 94

Show Answer

2) The average of even numbers from 1 to 30 is:

A. 16
B. 14
C. 18
D. 21

Show Answer

3) The average of square of natural numbers from 1 to 35 is:

A. 436
B. 426
C. 416
D. 446

Show Answer

4) The average of cubes of natural numbers from 1 to 8 is:

A. 162
B. 172
C. 153
D. 163

Show Answer

5) The average of first 52 consecutive even numbers is:

A. 52
B. 53
C. 51
D. 50

Show Answer

6) The average of first 17 consecutive odd numbers is:

A. 16
B. 17
C. 18
D. 15

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7) The arithmetic mean of 100 numbers was computed as 84.05. It was later found that two numbers 192 and 33 have been misread as 92 and 83 respectively. What is the correct arithmetic mean of the numbers?

A. 88.55
B. 87.555
C. 84.55
D. Can't be determined

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8) The mean weight of 150 students in a certain class is 60 kg. The mean weight of the boys from the class is 70 kg, while that of girls is 55 kg. what is the number of girls in the class?

A. 105
B. 100
C. 95
D. 60

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9) Out of 250 observations, the first 100 observations have mean 5 and the average of the remaining 150 observations is 25/3. What is the average of the whole group of observations?

A. 6
B. 7
C. 8
D. 9

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10) The average of u, v, w, x, y and z is 10. What is the average of u+10, v + 20, w + 30, x + 40, y + 50 and z + 60?

A. 30
B. 35
C. 40
D. 45

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11) The average salary of employees in a factory is 6000 of which the average salary of 150 technicians is 12000 and those who are not technician is 3750. Find the total number of employees in the factory.

A. 550
B. 400
C. 500
D. 250

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12) 13 Chairs and 5 tables were purchased in 8280. If the average cost of a table is 1227, then what is the average cost of a chair?

A. 135
B. 165
C. 150
D. 180

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13) When a student, whose weight is 60 kg is interchanged with a new student, then the average weight of 8 students is increased by 1 kg. Find the weight of the new student.

A. 68 kg
B. 64 kg
C. 72 kg
D. 70 kg

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14) The average age of eight men is increased by 2 years, when two men whose ages are 20 years and 24 years respectively are interchanged by two women. What is the average age of the women?

A. 28 years

B. 33 years
C. 25 years
D. 30 years

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15) In a certain population, the number of women to men is in the ratio 11 : 10. The average age of women is 34 years and that of men is 32 years. Find the average age of the population (approx):

A. 32.5 years
B. 32 years
C. 33 years
D. 34 years

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16) The average of 9 numbers is 11. If each of these 9 numbers is multiplied by 5 and then 5 is added to each of these resultant numbers, then the new average is :

A. 20
B. 30
C. 60
D. 50

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17) A number is such that when it is multiplied by 8, it gives another number which is as much above from 270 as the original number (itself) is below 270. The average of the original number and the resultant number is :

A. 33.75
B. 190
C. 270
D. None of these

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18) The average of five numbers is 27. If one number is excluded, the average becomes 25. The excluded number is :

A. 25
B. 27
C. 30
D. 35

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19) The average marks obtained in an examination by 8 students was 51 and by 9 other students was 68. The average marks of the 17 students was :

A. 59
B. 59.5
C. 60
D. 60.5

Show Answer

20) The average of 11 numbers is 10.8. If the average of the first six be 10.4 and that of the last six is 11.5, then the middle (6th) number is :

A. 10.3
B. 12.6
C. 13.5
D. 15.5

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21) The average age of 14 girls and their teacher's age is 15 years. If the teacher's age is excluded, the average reduces by 1. What is the teacher's age?

A. 35 years
B. 32 years
C. 30 years
D. 29 years

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22) The average age of four brothers is 12 years. If the age of their mother is also included, the average is increased by 5 years. The age of the mother (in years) is :

A. 37 years
B. 43 years
C. 48 years
D. 53 years

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23) The average age of 8 person is increased by 2 years, when one of them, whose age is 24 years is replaced by a new person. The age of the new person is :

A. 42 years
B. 40 years
C. 38 years
D. 45 years

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24) The average marks of 40 students in English examination is 72. Later it is found that three observation 64, 62, 84 were misread as 68, 65 & 73 respectively. The correct average is :

A. 70
B. 72
C. 71.9
D. 72.1

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25) The average of 100 articles is 46. Later it is found that two entries are misread as 61 in place if 16, and 34 in place of 43. It is also observed that the number of observations was 90 not 100. Then correct average is :

A. 50
B. 50.7
C. 52
D. 52.7

Show Answer

26) What is the weighted mean of first 10 natural numbers whose weights are equal to the corresponding number?

A. 7
B. 5.5
C. 5
D. 4.5

Show Answer

27) If m is the mean of p, q, r, s, t, u and v then what is (p-m) + (q-m) + (r-m) + (s-m) + (t-m) + (u-m) + (v-m) equal to?

A. 0
B. s

C. (p+v)/2
D. None of the above

Show Answer

28) Consider a sequence of seven consecutive integers. The average of the first five integers is n. The average of all the seven integers is :

A. n
B. n+1
C. k × n, where k is a function of n
D. n+2/7

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29) The average of 7 consecutive number is P. If the next three numbers are also added, the average shall

A. remain unchanged
B. increase by 1
C. increase by 1.5
D. increase by 2

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30) In a Retail outlet, the average revenue was 10,000 per day over a 30 day period. During this period the average daily revenue on weekends (total 8 days) was 20,000 per day. What was the average daily revenue on week days(approx)?

A. 6364
B. 5250
C. 6570
D. 8060

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