



MATHS

BOOKS - V PUBLICATION

AVERAGE

Question Bank

1. Children in class 6 A decided to raise 1000 rupees to buy books for the library. There are 40 children in the class. And they decided that

all of them should give the same amount. How much should each give?



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2. There are 30 children in class 6B. They raised 1200 rupees for a medical fund. Can you calculate how much each gave?



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3. Manikuttan supplies milk to the society each day. Last week, he supplied 56 litres in all. How much did he give each day of this week on average?



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4. On five days, a man spends 300 rupees, 250 rupees, 270 rupees, 280 rupees, 290 rupees. How much did he spend each day on average?
How much did he spent in all?





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5. The number of children who attended class from Monday to Friday are 34, 35 , 32,33,31

What is the average number of children who attended classes each day?



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6. The table shows the amount of electricity used in Majeed's house for some months.

What is the average amount of electricity used

per month Which are the months on which usage is more than the average?

Month	Unit
January	85
February	90
March	75
April	82
May	78



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7. The weights of players in a team are 68 kilograms, 72 kilograms, 80 kilograms, 70 kilograms, 60 kilograms, 70 kilograms. What is the average weight of a player in the team?



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8. The total income of a man in 8 days is 1840 rupees. What is his average income per day?



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9. Ouseph and Abu grow different types of coconut trees. Ouseph has 20 trees and Abu has 18. See how many coconuts each got last year:

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Which kind gives more coconuts? Can we decide this by comparing just the total numbers each got? So, how do we decide? In this activity the number of coconut trees and number of coconuts are different for two groups. So we cannot easily say that, which is better. We can only decide this by comparing

the average number of coconuts per tree for each kind. .Let's compute the average number of coconuts per tree for each kind. How many coconuts per tree did Ouseph got on average?



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10. During the Forest Fest celebration, two divisions of class V decided to plant tree -as a Haritha: Club activity. 35 children of class VA planted 245 saplings and. 30 children of class VB planted 240 . On the basis of average

number of saplings. planted per kid, which division did a better job?



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11. Ramu checked his sale of milk for some days and calculated the average income to be 150 rupees.per day. If he continues like this, how much can he expect from the sale of milk in June?



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12. The incomes for five days of a trade are 6435 rupees, 6927 rupees, 6855 rupees, 7230 rupees, 6562 rupees. After the sixth day, he calculated the average income as ' 6500 rupees per day. How much did he get on the sixth day?



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13. The sum of 7 consecutive natural numbers is 70 . What are the numbers?



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14. The sum of 8 consecutive natural numbers is 92. What are the numbers?



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15. Can the sum of 9 consecutive numbers be 58 ?



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16. The average age of a child in a class of 35 is 11. The average age, including the teacher is 12. How old is the teacher?



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17. The average weight of a kid in a group of 10 is 35 kilograms. When Sonu also joined them, the average became 36 kilograms. How much does Sonu weigh?



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18. There are 8 teachers in a school. When a 35 year old teacher was transferred and another teacher joined, the average age was increased by 2 years. How old is the new teacher?



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19. The average rainfall per month during 2014 in a place was calculated to be 23 centimetres. The total rainfall there during June, July and August, was 150 centimetres.

- 1) What is the average rainfall per month during these three months?
- ii) What was the total rainfall during, the entire year of 2014?
- iii) What is the average rainfall per month during the other 9 months?



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20. When a person calculated his expense from Sunday to Thursday, he found the average expenditure to be 400 rupees per day.

Including Friday, the average increased to 430 rupees per day. How much did he spend on Friday? Including Saturday, the average decreased to 390 rupees per day. How much did he spend on Saturday?



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21. 40 children of class VI donated 50 rupees on average to the Mutual Aid Fund. 30 children of class V donated 800 rupees in all. If

we consider both classes together, how much did each donate on average?



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22. Three groups of 10 kids. The average weight of a kid in each group is 35 kilograms. One more kid joined each group.

i) The average weight of a kid in the first group is still 35 kilograms.

ii) The average weight of a kid in the second group is now 36 kilograms.

iii) The average weight of a kid in the third group is now 34 kilograms. Compute the weight of the new kid in each group.



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23. Write any five consecutive natural numbers and find their sum. Does the middle number have any relation with the sum?



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24. What if we take 9 consecutive natural numbers?



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25. Does the same relation hold for any odd number of numbers?



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26. A farmer has 500 big size coconuts and 300 small size coconuts. A trader agrees to buy big size coconuts one for 6 rupees and small size coconuts one for 4 rupees. Another trader agrees to buy by mixing the two types together and one for 5 rupees rate. Which is the better deal to get more benefit?



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27. If the number of big coconuts is 300 and small coconuts is 500 ?



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28. Haritha is in an institute of agricultural research. They have recently developed two new types of coconut trees. 37 of the first type gave 6105 coconut in a year and 45 of the second type gave 7100 a year. Which has better yield on average?





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29. The sum of five consecutive odd numbers is 115. Can you find the number in the middle?



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30. The average of five consecutive multiples of 3 is 90 . What is the middle numbers? What are the other numbers?



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31. A man ate 100 grapes in 5 days. Each day he ate 5 more than what he ate the previous day. Can you find the number of grapes he ate each day?



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32. a) 2,9,16,23,30 are a column of numbers in a calendar without adding explain the method to find the sum.

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b) In the above calendar, What is the difference between the sum of the numbers in the 1st and the third columns. Without adding, explain the method to find the sum.



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33. Weight of new-born babies on a day in Kozhikode Medical college is given below. Find the average weight of the babies Whose babies have weight below average? Whose

babies have weight above average?

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34. The following table shows Abu's score in the language and science subjects on half - yearly evaluation

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In which, language or science subjects, Abu is more excellent?.



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35. Aziz and Jayachandran cultivated plantains. Aziz cultivated 130 plantains and Jayachandran cultivated 95 plantains. Excluding the expense, Aziz and Jayachandran got ₹ 9100 and ₹ 5700 respectively. Who got more income per plantain? "



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36. The table below shows the income, and expense of Narayana travels in a week.

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- In which. day, has the balance,more? Find out the average balance of a day.



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37. The following table gives the number of members and food, expense per month in three families.

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In which family, the average food expense of members, is more?



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38. There are 42 students in standard 6 A. The average weight of students is 35 kilograms. If two students with weight 33kg and 37 kg are transferred to another school, find the average weight of the remaining students in 6A



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39. Sálím bought 10 school bags altogether for ₹1100 each, he got 1 bag free. Then what wás the áverage cost of 1 bag?



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40. The following table shows electricity consumption of Abüla's house in the last one year.

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What was the average electricity consumed In one month?



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