

### More about average, median

1. The mean of 6, 5, 7, 3, 9 and  $m$  is 10. find the value of  $m$
2. The mean of 5, 0, 4, 8, 11 and  $n+2$  is 7. Find the value of  $n$ .
3. If the average of 7,  $n$ , 3, 9, 8 and 10 is 8, find the value of  $n$ .
4. Find the average of  $x$ ,  $2x$ ,  $x+4$  and 4.
5. Find the mean of  $4p$ ,  $6$ ,  $6p$ ,  $14$  and 0.
6. Find the mean of  $y$ , 4, 7 and 3 is 4. what is the value of  $y$ ?
7. The average of age of 8 pupils is 15 years. If 2 pupils whose age is 10 years and 14 years leaves the group. What is the average age of the remaining pupils?
8. The average mark of 4 pupils is 5. The average mark of 6 other pupils is 10. What is the average mark of all pupils?
9. Find the total wages of 9 factory workers whose average pay is 18000 per day per worker.
10. The average age of 3 people is 18 years, the average age of 2 of them is 15 years. How old is the third person?
11. The average weight of 5 pupils is 35 kg. 1 more pupils whose weight is 47 kg joins them. find the average weight of the 6 pupils.
12. The average weight of a class of 14 pupils is 50 kg. when a teacher is included the average becomes 51 kg. what is the weight of the teacher?
13. The average weight of 6 boys is 24 kg. when two boys leave the group, the average weight of the remaining 4 boys becomes 25 kg. find the total weight of the two boys who left the group.
14. The median of 5 consecutive integers is 0. List the numbers.
15. The median of 7, 3, 0, 4 and 6 is  $n+2$ . Find the value of  $n$ .
16. The median of 5 consecutive integers is -4. What are the integers?
17. The average mass of 3 parcels is 5 kg. two of them have a mass of 4 kg each. what is the mass of the third parcel?
18. The range of 5 numbers is 10. If the smallest number is 21. Find the largest number.
19. The mean age of 4 children is 13 years. If one of them is 7 years old, what is the average age of the remaining children?
20. The average weight of 4 boys is 60 kg. when their teacher joins them, their total weight becomes 280 kg.
  - a) find the weight of the teacher.
  - b) calculate the average weight of the whole group.