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1) The average age of 11 players of a cricket team is increased by 2 months when two of them aged 18 years and 20 years are replaced by two new players. The average age of the new players is

- a) 19 years 6 months
- b) 19 years 1 month
- c) 19 years 5 months
- d) 19 years 11 months

2) The average age of 24 boys and their teacher is 15 years. When the teacher's age is excluded, the average age decreases by 1 year. The age of the teacher is

- a) 39 years
- b) 38 years
- c) 41 years
- d) 40 years

3) The average age of A and B is 20 years. If A is to be replaced by C, the average would be 19 years. The average age of C and A is 21 years. The ages of A, B and C in order (in years) are

- a) 18, 20, 22
- b) 18, 22, 20
- c) 22, 20, 18
- d) 22, 18, 20

4) The average age of a husband and his wife was 23 years at the beginning of their marriage. After five years they have a one-year old child. The average age of the family of three, when the child was born, was

- a) 24 years
- b) 23 years
- c) 20 years
- d) 18 years

5) 5 years ago, the average age of P and Q was 15 years. Average age of P, Q and R today is 20 years. How old will R be after 10 years?

- a) 40 years
- b) 35 years
- c) 50 years
- d) 30 years

6) In a family, the average age of a father and a mother is 35 years. The average age of the father, mother and their only son is 27 years. What is the age of the son ?

- a) 11 years
- b) 12 years
- c) 10 years
- d) 10.5 years

7) The average age of 8 men is increased by 2 years when two of them whose age are 21 and 23 years replaced by two new men. The average age of the two new men is

- a) 24 years
- b) 22 years
- c) 30 years
- d) 28 years

8) In a family of 5 members, the average age at present is 33 years. The youngest member is 9 years old. The average age of the family just before the birth of the youngest member was

- a) 29 years
- b) 30 years
- c) 24 years
- d) 25 years

9) The average age of 9 students and their teacher is 16 years. The average age of the first four students is 19 years and that of the last five is 10 years. The teacher's age is

- a) 34 years
- b) 36 years
- c) 28 years
- d) 30 years

10) In a school with 600 students, the average age of the boys is 12 years and that of the girls is 11 years. If the average age of the school is 11 years and 9 months, then the number of girls in the school is

- a) 150
- b) 450
- c) 350
- d) 250

11) The average age of 45 persons is decreased by  $\frac{1}{9}$  year when one of them of 60 years is replaced by a new comer. Then the age of the new comer is :

- a) 55 years
- b) 45 years
- c) 49 years
- d) 59 years

12) From a class of 24 boys, a boy, aged 10 years, leaves the class and in his place a new boy is admitted. As a result, the average age of the class is increased by 2 months. What is the age of the new boy ?

- a) 15 years
- b) 12 years
- c) 13 years
- d) 14 years







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13) The average age of 40 students of a class is 18 years. When 20 new students are admitted to the same class, the average age of the students of the class is increased by 6 months. The average age of newly admitted student is

- a) 19 years 6 months      b) 19 years  
c) 20 years 6 months      d) 20 years

14) In a class there are 30 boys and their average age is 17 years. On one boy aged 18 years leaving the class and another joining, the average age becomes 16.9 years. The age of new boy is

- a) 11 years      b) 25 years  
c) 15 years      d) 13 years

15) The average age of 20 boys in a class is 12 years. 5 new boys are admitted to the class whose average age is 7 years. The average age of the boys in the class becomes

- a) 9.5 years      b) 8.2 years  
c) 11 years      d) 12.5 years

16) 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) 32 years      b) 35 years  
c) 29 years      d) 30 years

17) 5 years ago, the average age of A, B, C and D was 45 years. With E joining them now, the average age of all the five is 49 years. How old is E ?

- a) 40 years      b) 25 years  
c) 64 years      d) 45 years

18) Out of 10 teachers of a school, one teacher retires and at his place a new teacher of age 25 years joins. As a result of it, the average age of the teachers is reduced by 3 years. The age of the retired teacher is

- a) 58 years      b) 60 years  
c) 55 years      d) 56 years

19) The average age of a husband and a wife was 27 years when they married 4 years ago. The average age of the husband, the wife and a new-born child is 21 years now. The present age of the child is

- a) 3 years      b) 4 years  
c) 1 year      d) 2 years

20) In a school, the average age of students is 6 years, and the average age of 12 teachers is 40 years. If the average age of the combined group of all the teachers and students is 7 years, then the number of students is :

- a) 400      b) 396  
c) 416      d) 408

