

### Problem On Ages

1. Four years ago, the respective ratio between the age of Ram and that of Sonu, was 4 : 9. Tina is ten years older than Ram. Tina is ten years younger than Sonu. What is Tina's present age?  
(A) 40 years (B) 36 years  
(C) 30 years (D) 20 years  
(E) 42 years
2. The ratio of ages of A and B 4 years ago was 5 : 3. The sum of present ages of A, B and C is 80 years. If present age of C is equal to sum of present ages of A and B. find the present age of A.  
(A) 17 years (B) 24 years  
(C) 20 years (D) 22 years  
(E) 18 years
3. 4 years hence the sum of ages of A and B will be 16 years more than the sum of the present ages of B and C. 4 years ago the sum of A's age and C's age was 32 years, then what is the present age of C?  
(A) 18 years (B) 10 years  
(C) 16 years (D) 14 years  
(E) 12 years
4. Four year ago, the average age of a family of 5 members was 21 years. A baby has born, the average of the family remains the same today. What is the age of the baby?  
(A) 2.5 years (B) 2 years  
(C) 1 year (D) 1.5 years  
(E) none of these
5. Sum of X and Y age 7 year ago is 86. X age 20 year ago is equal to Y age 4 year ago. Find the age of Y four year hence.  
(A) 48 years (B) 50 years  
(C) 46 years (D) 52 years  
(E) 58 years
6. The ratio of the present age of A and the age of B 4 years ago is 7 : 8. 8 years hence, the ratio of age of A to that of B is 9 : 11. Find the present age of B.  
(A) 36 years (B) 23 years  
(C) 24 years (D) 25 years  
(E) 26 years
7. B's age is 9 years older than A's. if the ratio of B's age 11 years hence and C's present age is 9:8 and at present C's age is twice A's age, then what will be the age of B after 4 years?  
(A) 28.5 (B) 28  
(C) 29 (D) 30  
(E) None of these
8. B's age is 10 years older than A. If the ratio of B's age 11 years hence and C's present age is 3:2. At present C's age is thrice A's age. What will be the age of C after 7 years?  
(A) 18 years. (B) 23 years.  
(C) 28 years. (D) 25 years.  
(E) None of these
9. B's age is 6 years older than A. if the ratio of B's age 9 years hence and C's present age is 9 : 8 & at present C's age is twice A's age. What will be the age of B after 5 years.  
(A) 18 years (B) 25 years  
(C) 23 years (D) 24 years  
(E) 48 years
10. The average age of a husband and wife was 23 years when they were married 5 years ago. The average age of the husband, the wife and a child who was born during the interval, is 20 years now. How old is the child now?  
(A) 9 months (B) 1 year  
(C) 3 years (D) 4 years  
(E) None of these

11. The ratio between the ages of a father and a son at present is 5 : 2 respectively. Four year hence the ratio between the ages of the son and his mother will be 1 : 2 respectively. What is the ratio between the present ages of the father and the mother respectively ?  
(A) 3 : 4 (B) 5 : 4  
(C) 4 : 3  
(D) Cannot be determined  
(E) None of these
12. In a family of 4 members, the eldest member expires after 5 years at the age of 88 and 10 years after that a baby is born in the family such that the difference of family's eldest to youngest member alive after 20 years from present is 57. At present, the age of youngest member is 14 years and the average age of remaining members is 54. Find the age of the two eldest members alive after 5 years.  
(A) 19, 42 (B) 42, 37  
(C) 47, 42 (D) 88, 47  
(E) 50, 42
13. Average of age of A, B, C and D four year ago was 19 years and the ratio of their ages, eight years hence will be 18 : 16 : 17 : 11 respectively, then what is sum of present age of C and D?  
(A) 28 years (B) 30 years  
(C) 32 years (D) 26 years  
(E) 40 years
14. Sum of A's and B's age 6 years ago is 88. A's age 18 yrs ago is equal to B's age 6 years ago. Find the age of A two year hence?  
(A) 58 yrs (B) 64 yrs  
(C) 42 yrs (D) 52 yrs  
(E) 48 yrs
15. Four years hence, sum of ages of A and B will be 16 years more than the sum of present age of B and C. Four years ago, sum of age of A and C is 32 years then find the present age of C?  
(A) 24 years (B) 20 years  
(C) 12 years (D) 16 years  
(E) 18 years
16. If the present age of A is twice the present age of B. 18 years ago age of C is half the age of B six years hence. If the average of the present age of A, B and C is 42 years. Find the age of A, 9 years hence?  
(A) 69 years (B) 70 years  
(C) 73 years (D) 77 years  
(E) None of these
17. Sum of present ages of A and B is 41, Age of A two year hence is equal to age of C one year ago and Age of A four year hence is equal to age of B one year ago. If ratio of present age of A and D is 3 : 4. Find the difference between age of C and D.  
(A) 3 years (B) 5 years  
(C) 6 years (D) 4 years  
(E) 8 years
18. Ratio of A's age 4 years later to B's age 6 years later is 2 : 1. Another person C whose present age is twice the sum of present age of A and B together and after 4 years ratio of C's age to B's age is 23 : 4 then find the present age of B ?  
(A) 16 years (B) 10 years  
(C) 15 years (D) 12 years  
(E) 18 years
19. Ratio of P's age 4 years later to Q's age 3 years later is 3 : 4. Another person R have present age is  $71\frac{3}{7}\%$  of the sum of present age of P and Q together and 12 years more than that of Q. Find the average of present age of all three?  
(A) 42 years (B) 52 years  
(C) 45 years (D) 54 years  
(E) 60 years

20. My sister was born 26 yrs after my mother was born and I was born 28 yrs after my father was born. The present average age of my family is 32.5 yrs. After 3 yrs from now my sister will get married and will leave the family, then average age of family will become 41 yrs. What is the present age of my mother?(in yrs)
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| (A) 40 | (B) 50 |
| (C) 45 | (D) 41 |
| (E) 42 |        |