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1. The present ages of three colleague's are in proportions 3 : 5 : 7. Four years ago, the sum of their ages was 48. find their present ages (in years) ?

- A. 12, 20 and 28 years
- B. 13, 15 and 23 years
- C. 11, 16 and 19 years
- D. 20, 24 and 27 years
- E. None of these

2. The ratio of the Mother's age to her daughter's age is 9 : 5. The product of their ages is 1125. The ratio of their ages after five years will be :

- A. 1 : 3
- B. 2 : 3
- C. 3 : 4
- D. 5 : 3
- E. None of these

3. The ratio of the present ages of two Friends is 2 : 3 and six years back, the ratio was 1 : 3. What will be the ratio of their ages after 4 years ?

- A. 1 : 3
- B. 3 : 4
- C. 2 : 3
- D. 3 : 5
- E. None of these

4. The total ages of Ankit, Narendra and Satendra is 96 years. Five years ago, the ratio of their ages was 2 : 3 : 4. What is the present age of Satendra?

- A. 21 years
- B. 32 years
- C. 41 years
- D. 53 years
- E. None of these

5. Five years ago the ratio of the ages of Omkar and Nitin was 8 : 7. Three years hence, the ratio of their ages will be 12 : 11. what is Nitin's age at present?

- A. 12 years
- B. 15 years
- C. 8.5 years
- D. 19 years
- E. None of these

6. Present age of A and B are in the ratio of 6 : 7 respectively. 8 years hence, the ratio of ages will become 7 : 8 respectively. What is A's present age in years?

- A. 30 years
- B. 40 years
- C. 48 years
- D. 52 years
- E. None of these

7. At present the ratio between the ages of Rahul and Nirdosh is 2 : 1 after 7 years, Rahul's age will be 21 years. what is the age of Nirdosh at present ?

- A. 5 years
- B. 7 years
- C. 9 years
- D. 12 years
- E. None of these

8. The ratio between the present ages of A and B is 3 : 5 respectively. If the difference between B's present age and A's after 7 year is 3 what is the total of A's and B's present age?

- A. 10 years
- B. 30 years
- C. 40 years
- D. 45 years
- E. None of these

9. The ratio between the present ages of A and B is 9 : 9. If B is 5 years old than A, what will be the ratio of the ages of A and B after 5 years.

- A. 1 : 3
- B. 2 : 3
- C. 9 : 10
- D. 10 : 13
- E. None of these

10. Mohit is younger than Sohit by 4 years. If their ages are in the respective ratio of 3 : 5, How old is Mohit?

- A. 6 years
- B. 12 years
- C. 13 years
- D. 16 years
- E. None of these

11. Meetal and Neeraj got married 30 years ago. Meetal is 4 years younger than Neeraj. When they got married the difference between 2 times of the Meetal's age and 1.5 times of the Neeraj's age was 5 years. Find the present age of Meetal and Neeraj.

- A. 42, 46
- B. 48, 52
- C. 55, 59
- D. 60, 64
- E. None of these

12. The ratio of the ages of Esha and her mother is 1 : 4 and the ratio of the ages of Esha's mother and her brother is 9 : 1. If Esha's brother is 5 years younger than Esha. What will be the age of Esha's mother after 4 years?

- A. 36 years
- B. 40 years
- C. 45 years
- D. 50 years
- E. None of these







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13. Mohan was 7 years younger to Raman 5 years back. After 5 years, the ratio of ages of Mohan and Jill will be 3 : 4. The sum of ages of Mohan and Jill is 53 years. Find the current age of Raman.(in years)

- A. 22      B. 24      C. 29  
D. 34      E. None of these

14. Miku's age is  $\frac{9}{11}$ th of his brother's age and the age of Miku's father is 23 years more than the age of Miku. If the average age of Miku, Miku's father and Miku's brother is 27 years, find the age of Miku.

- A. 18 years      B. 22 years      C. 20 years  
D. 15 years      E. None of these

15. Sneha is 8 years older than her cousin. Her cousin is 24 years younger than his mother. If the ratio between the ages of Sneha and her cousin's mother is 7 : 11. What will be the age of Sneha's cousin after 3 years?

- A. 21 years      B. 20 years      C. 26 years  
D. 23 years      E. None of these

16. Monika, Neha and Bharti are three sister. Monika and Neha are twins. The ratio of sum of the ages of Monika and Neha is same as that of Bharti alone. Three years earlier the ratio of age of Monika and Bharti was 5 : 11. What will be the age of Bharti 7 years hence?

- A. 20 years      B. 10 years      C. 25 years  
D. 30 years      E. None of these

17. The average age of a group of 15 employees is 24 years. If 5 more employees join the group, the average age increases by 2 years. Find the average age of the new employees.

- A. 35      B. 30      C. 24  
D. 32      E. None of these

18. Five years ago, the age of John was 5 times that of his son. After 5 years, his age will be 3 times that of his son. After how many years, will he be twice as old as his son?

- A. 15 years      B. 25 years      C. 30 years  
D. 40 years      E. None of these

19. Two years ago, the age of Rajan was 4 times that of his son. After 5 years, the ratio of ages of Rajan to his son will be 5 : 2. What is the present age of his son?

- A. 8 years      B. 14 years      C. 7 years  
D. 9 years      E. None of these

20. 2 years ago, John's age was 4 times that of his son. After 1 year, his age will be 3 times that of his son. What is the difference between their present ages?

- A. 16 years      B. 18 years      C. 24 years  
D. 20 years      E. None of these

21. In a family there are two children Navya and Reet. The ratio between the present age of Navya and Reet is 5 : 6. After 8 years the ratio of their ages will be 7 : 8. Find their total age of Navya and Reet after 10 years.

- A. 56      B. 66      C. 60  
D. 45      E. None of these

22. Monika, Neha and Bharti are three sister. Monika and Neha are twins. The ratio of sum of the ages of Monika and Neha is same as that of Bharti alone. Three years earlier the ratio of age of Monika and Bharti was 5 : 11. What will be the age of Bharti 7 years hence?

- A. 20 years      B. 10 years      C. 25 years  
D. 30 years      E. None of these

23. The average age of a group of 15 employees is 24 years. If 5 more employees join the group, the average age increases by 2 years. Find the average age of the new employees.

- A. 35      B. 30      C. 24  
D. 32      E. None of these







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24. Five years ago, the age of John was 5 times that of his son. After 5 years, his age will be 3 times that of his son. After how many years, will he be twice as old as his son?

- A. 15 years      B. 25 years      C. 30 years  
D. 40 years      E. Can't be determined

25. Two years ago, the age of Rajan was 4 times that of his son. After 5 years, the ratio of ages of Rajan to his son will be 5 : 2. What is the present age of his son?

- A. 8 years      B. 14 years      C. 7 years  
D. 9 years      E. None of these

26. 2 years ago, John's age was 4 times that of his son. After 1 year, his age will be 3 times that of his son. What is the difference between their present ages?

- A. 16 years      B. 18 years      C. 24 years  
D. 20 years      E. None of these

27. Diksha, Prachi and Deepika are three sister. Diksha and Prachi are twins. The sum of the ages of Diksha and Prachi is same as that of Deepika alone. Four years earlier the ratio of age of Diksha and Deepika was 3 : 7. What will be the age of Deepika 4 years hence?

- A. 20 years      B. 10 years      C. 8 years  
D. 12 years      E. None of these

28. The average age of brother and sister is 26 years. After 4 years the ratio of their ages will be 7 : 8. Find the brother's present age.

- A. 28 years      B. 22 years      C. 24 years  
D. 26 years      E. 30 years

29. If the ratio between the present age of Meetal and Meennakshi is 7 : 9 and Meennakshi is 4 years older than Meetal. After 4 years what will be the age of Meennakshi?

- A. 20 years      B. 25 years      C. 22 years  
D. 30 years      E. None of these

30. Meeta is 4 years older than Geeta and Seeta is 6 years younger than Meeta. If the average age of Geeta and Seeta is 24 years find the sum of the age of Seeta, Geeta and Meeta.

- A. 77 years      B. 75 years      C. 74 years  
D. 79 years      E. None of these

31. The sum of the ages of Kidambi and Srikanth 14 years hence will be equal to 2 times their present age. If at present Kidambi is 8 years elder to Srikanth, then what are their present ages?

- A. 22, 8      B. 29, 12      C. 18, 10  
D. 13, 6      E. None of these

32. A family consists of paternal grandparents, parents and three grandchildren. The average age of the grandparents is 70 years, that of the parents is 40 years and that of the grandchildren is 10 years. What is the average age of the family?

- A. 34 years      B. 35 years      C. 32 years  
D. 37 years      E. None of these

33. Mayank said to his friend "If you subtract 18 from my age the two digits of my age will reverse their positions. Also my age is six less than 8 times the sum of digits of my age". Find Mayank's age.

- A. 46 years      B. 37 years      C. 56 years  
D. 50 years      E. 42 years

34. If the average age of a class is 15 (including the age of the teacher); that of the boys is 10 and if the age of the teacher is 13 more than the average age of the girls, then what is the average age of the girls, given that the number of boys and girls is the same?

- A. 11      B. 12      C. 13  
D. 16      E. Can't be determined







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35. There are three Pathan brothers Yusuf Pathan, Irfan Pathan and Saddam Pathan. The sum of the squares of the their ages (in completed years) is 325. If the product of their ages does not exceed 1000, find the age (in years) of the youngest brother.

- A. 6      B. 7      C. 8  
D. 9      E. None of these

36. The average age of a family of five members is 20 years. If the age of the youngest member is 10 years as of now, what was the average age of the family just a day before the birth of the youngest member? Assume that no other members have been added to or removed from this family in this period?

- A. 15 years      B. 12.5 years      C. 16 years  
D. 11 years      E. None of these

37. If 6 years is subtracted from the present age of Randheer and the remainder is divided by 18, then the present age of his grandson Anup is obtained, If Anup is 2 year younger than Mahesh whose age is 5 Years, then what is the age of Randheer?

- A. 96 years      B. 84 years      C. 48 years  
D. 60 years      E. None of these

38. Average age of a class of 30 students is 13 years. The average age of a group of 9 students is 12 years and the average age of another group of 10 students is 14 years. What is the average age of the rest of the students?

- A. 14.91 years      B. 13 years      C. 13.91 years  
D. 16.91 years      E. 12.91 years

39. The ratio of the age of 3 family members is 9 : 7 : 1 in 2001. In 2005 a new baby was born in the family and in 2009 the average becomes 24. Find the age of the oldest person in 2001.

- A. 24 years      B. 45 years      C. 27 years  
D. 30 years      E. 36 years

40. 19 years ago, the average age of a woman and her daughter was 47.5 years. At present, two times of the woman's age is equal to five times of the daughter's age. 19 years hence, what will be the age of daughter?

- A. 38 years      B. 34 years      C. 57 years  
D. 51 years      E. None of these

41. Present average of age of A and B is  $6x - 15$  years. Present average age of A, B and C is  $4x + 6$  years. If present age of B is 25% less than the present age of C and 20% more than the present age of A, then find the present age of A.

- A. 30 years      B. 33 years      C. 36 years  
D. 39 years      E. Can't be determined

42. The age of Arjun is  $(x + 5)$  years. The ratio of the age of Arjun 2 years hence to the age of Draupadi 1 year before is 6 : 5 respectively. If Arjun is 4 years older than Draupadi, then find the age of Shubhadra whose age is 4 years less than the average age of Arjun and Draupadi taken together.

- A. 30 years      B. 36 years      C. 34 years  
D. 32 years      E. None of these

43. Arun and Meena recently celebrated their golden anniversary and their daughter Seema's birthday. If the age of Seema 18 years after her parents' marriage and her age at their golden anniversary is in the ratio 5 : 21, how many years after the marriage was Seema born?

- A. 8 years      B. 15 years      C. 12 years  
D. 10 years      E. None of these

44. Seven years later from now A will be as old as B was 4 years ago. C was born 2 years ago. The average age of A, B and C 10 years later will be 33yrs. What is the present age of A?

- A. 30 years      B. 28 years      C. 31 years  
D. 29 years      E. None of these







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45. P's age 8 years ago is equal to the sum of the present ages of his son and his daughter. 5 years hence, the ratio between his daughter's age and his son's age will be 7 : 6 respectively. P's wife is 7 years elder than him. His wife's present age is thrice the present age of his son. What is his daughter's present age?

- A. 18 years    B. 20 years    C. 23 years  
D. 28 years    E. None of these

46. The present average age of a group of 60 athletes is 50% more than the average age of the 60 athletes 5 years ago. The average age of the group will become Y, if two new athletes of 22 year and 38 years join the group. Find the value of Y.

- A. 14.44    B. 17.54    C. 15.48  
D. 16    E. None of these

47. The ratio between the present ages of Amon and Chan is 3 : 4. The ratio of Bevan's age after 5 years to Chan's age 1 year ago is 4 : 3 and four times the difference in ages of Chan and Amon is one more than the age of Bevan. Find the average of the present ages of Amon and Chan.

- A. 20 years    B. 10 years    C. 14 years  
D. 15 years    E. None of these

48. Present age of son and mother are in ratio 3 : 8. Four years ago ratio of daughters age to Mothers age was 1 : 9. When the son was born the ratio of age of mother and father was 5:6. If the present age of daughter is 8 years, find the average age of family just before the daughter is born.

- A. 28 years    B. 30 years    C. 25.33 years  
D. 27.67 years    E. 22.33 years

49. 10 years ago, Elephant was five times older than Giraffe . Five years from now, the age of Elephant will be twice the age of the Giraffe. What was the ratio of the age of Elephant and Giraffe five years ago?

- A. 5 : 1    B. 3 : 1    C. 1 : 4  
D. 2 : 5    E. 3 : 7

50. Gautam's present age is equal to 20% of his father's age 15 years ago and Gaurav's present age(brother of Gautam), is 60% of his father's age ten years ago. If the sum of Gautam's present age and Gaurav's present age is 31, then find their fathers present age?

- A. 45 years    B. 50 years    C. 35 years  
D. 40 years    E. None of these

