

1. The ratio between the present ages of P and Q is 5:7 respectively. If the difference between Q's present age and P's age after 6 years is 2, what is the total of P's and Q's present ages?
(A) 48 years (B) 52 years (C) 56 years (D) cannot be determined
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2. The present ages of three persons are in proportions 4:7:9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).
(A) 8, 20, 28 (B) 16, 28, 36 (C) 20, 35, 45 (D) none of these
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3. The ages of Samina and Suhana are in the ratio of 7:3 respectively. After 6 years, the ratio of their ages will be 5:3. What is the difference in their ages?
(A) 6 years (B) 8 years (C) (D) 12 years
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4. Ram's son's age is $\frac{1}{3}$ of Ram's wife's age. Ram's wife's age is $\frac{4}{5}$ of Ram's age and Ram's age is $\frac{3}{5}$ of Ram's father's age. Find the age of Ram's son, if Ram's father is 50 years old.
(A) 6 years (B) 8 years (C) 10 years (D) 12 years
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5. What is the difference between the present ages of Ayush and deepak? I. The ratio between Ayush's present age and his age after 8 years is 4:5 II. The ratio between the present ages of Ayush and Deepak is 4:3 III. The ratio between Deepak's present age and his age four years ago is 6:5
(A) Any two of I, II and III (B) I or III (C) Any one of the three (D) All I, II and III are required.
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6. A man's present age is two-fifths of the age of his mother. After 8 years, he will be one-half of the age of his mother. How old is the mother at present?
(A) 32 (B) 36 (C) 40 (D) 46
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7. The present age of son is half of the present age of his mother. Ten years ago, his mother's age was thrice the age of her son. What is the present age of the son?
(A) 20 years (B) 25 years (C) 30 years (D) 40 years
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8. What is the present age of Tanya? I. The ratio between the present ages of Tanya and her brother Rahul is 3 : 4 respectively II. After 5 years the ratio between the ages of Tanya and Rahul will be 4 : 5 III. Rahul is 5 years older than Tanya
(A) I and II (B) II and III (C) I and III (D) All I, II and III
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9. Rahul is as much younger than Sagar as he is older than Purav. If the sum of the ages of Purav and Sagar is 66 years, and Sagar's age is 48 years, then what is Purav's age
(A) 18 years (B) cannot be determined (C) 16 years (D) 20 years
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10. The sum of present ages of a father and his son is 8 years more than the present age of the mother. The mother is 22 years older than the son. What will be the age of the father after 4 years?
(A) 34 years (B) 36 years (C) 40 years (D) 38 years
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11. A couple has a son and a daughter. The age of the father is four times that of the son and the age of the daughter is one-third of that of her mother. The wife is 6 years younger to her husband and the sister is 3 years older than her brother. The mother's age is?
(A) 42 years (B) 48 years (C) 54 years (D) 63 years
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12. The sum of 3 consecutive odd numbers and three consecutive even numbers together is 231. Also, the smallest odd number is 11 less than the smallest even number. What is the sum of the largest odd number and the largest even number?

(A) 74 (B) 82 (C) 83 (D) cannot be determined

13. Ratio between the ages of Subhash, Prasad and Amar is 3:6:7. If the difference between the ages of Prasad and Amar is 10 years, then what is the difference between the ages of Subhash and Prasad?

(A) 5 years (B) 10 years (C) 20 years (D) 30 years

14. Average age of employees working in a department is 30 years. In the next year, ten workers will retire. What will be the average age in the next year?
I. Retirement age is 60 years
II. There are 50 employees in the department

(A) If the data in statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question (B) If the data in statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question (C) If the data either in Statement I or in Statement II alone are sufficient to answer the question (D) If the data even in both Statements I and II together are not sufficient to answer the question

15. Tanya's grandfather was 8 times older to her 16 years ago. He would be 3 times of her age 8 years from now. Eight years ago, what was the ratio of Tanya's age to that of her grandfather?

(A) 1:2 (B) 1:5 (C) 3:8 (D) none of these

16. Eighteen years ago, a father was three times as old as his son. Now the father is only twice as old as his son. then the sum of the present ages of the son and the father is:

(A) 54 (B) 72 (C) 105 (D) 108

17. What is Sonia's present age?
I. Sonia's present age is five times Deepak's present age.
II. Five years ago her age was twenty-five times Deepak's age at that time.

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18. What is Arun's present age?
I. Five years ago, Arun's age was double that of his son's age at that time.
II. Present ages of Arun and his son are in the ratio of 11:6 respectively
III. Five years hence, the respective ratio of Arun's age and his son's age will become 12:7

(A) I and II (B) II and III (C) I and III (D) Any two of three

19. The ages of two persons differ by 16 years. If 6 years ago, the elder one be 3 times as old as the younger one, find their present ages.

(A) 12,28 (B) 14,30 (C) 16,32 (D) 18,34

20. The ratio between the present ages of A and B is 5:3 respectively. The ratio between A's age 4 years ago and B's age 4 years hence 1:1. What is the ratio between A's age 4 years hence and B's age 4 years ago?

(A) 1:3 (B) 2:1 (C) 3:1 (D) 4:1
