Practice Worksheet - 9

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.

2. The sum of the ages of a son and father is 56 years. After 4 years the age of the father will be three times that of his son. Their ages respectively are

    a. 12,44   b.16,42   c.16,48   d. 18,36

3. The age of a man is 4 times that of hos son. 5 years ago, the man was nine times as old as his son was at that time, The present age of the man is

    a. 28   b.32   c.40   d.44

4. Ten years ago A was half of B in age, if the ratio of their present ages is 3:4 , what is the sum of their present ages?

    a. 8   b.20.   c.35   d.45

5. Three years ago the average age of A and B was 20 years. With C joining them the average becomes 22 years. How old is C now?

    a. 24   b.27   c. 28   d. 20

6. A is two years older than B who is twice as old as c. If the total of the ages of A,B and C be 27, then how old is B.?

    a.7   b.8.   c.9   d.10

7. A person's present age is two-fifth 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.48.

8. The total age of A and B is 12 years more than the total age of B and C. C is how many years younger than A?

    a.12   b.24   c.C is elder than A.   d.data inadequate.

9. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

    a.4   b.8   10   d.none.

10. The age of father 10 years ago was thrice the age of his son. Ten years hence father's age will be twice that ofn his son. The ratio of the present ages is

    a.5:2   b.7:3   c.9:2   d. 13:4

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11. A man is 24 years older than his son. In two years, his age will be twice that of his S[on]. The present age of his son is (a) 14 b. 18 c. 20 d. 22

12. The total ages of J, P and S is 93 years. Ten years ago the ratio of their ages was 2:3:4 What is the present age of S?

13. Present ages of X and Y are in the ratio 5:6 respectively. Seven years hence this ratio will become 6:7 respectively. What is X's present age in years? (a) 35 (b) 42 (c) 49 (d) None

14. The ages of two persons differ by 16 years. If 6 years ago, the elder one be 3 times as old as younger one. Find youngest one's age. (a) 12 (b) 14 (c) 13 d. 16.

15. If Sam were twice as old as he is, he would be 40 years older than Jim. If Jim is 10 years younger than Sam. how old is Sam?. (a) 20 (b) 30 (c) 40 (d) 50

16. Sachin is younger than Rahul by 7 years. If their ages are in the respe[ctive] ratio of 7:9 how old is Sachin? (a) 16 (b) 18 years (c) 28 (d) 24.5

17. The present ages of three persons in proportions 4:7:9. Eight ye[ars] ago, the seem of their ages was 56. Find their present ages
A. 8, 20, 28   B. 16, 28, 36   (c) 20, 35, 45   D. None of these

18. Six years ago, the ratio of the ages of kunal and Sagar was 6:5. Four years hence, the ratio of their ages will be 11:10. What is Sagar's age at present? (a) 16 (b) 18 (c) 20 (d) cannot be determined

19. Present ages of Sameer and Anand are in the ratio of 5:4 respectivel[y]. Three years hence, the ratio of their ages will become 11:9 respectively. What is Anand's present age in years? (a) 24 (b) 27 (c) 40 (d) cannot be

20. Father is aged three times more than son Rohit. After 8 years he would be two and half times of Rohit's age. After further 8 years, how many times would he be of Rohit's age
(a) 2 (b) 2½ (c) 2¾ (d) 3

21. A's father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was.
A. 14   B. 19   (c) 33   (d) 38

22. Rajan got married 8 years ago. His present age is 6/5 times his age at the time of his marriage. Rajan's sister was 10 years younger to him at the time of his marriage. The age of Rajan's sister is (a) 32 (b) 36 (c) 38 (d) 40

23. When I add 4 times my age 4 years from now to 5 times my age 5 years from now, I get 10 times my current age. How old will I be 3 years from now?