

Problems Based on Ages



Problem Based on Ages

Problem on Ages Formulas

Below we provide important formulas on the Problems for Ages which will definitely help you answer the question faster and also help you clear the concept:

- If you are assuming the current age to be x , then the age after n years will be $(x+n)$ years.
- If you are assuming the current age to be x , then the age before n years will be $(x-n)$ years.
- If the age is given in the form of a ratio, for example, $p:q$, then the age shall be considered as qx and px
- If you are assuming the current age to be x , then n times the current age will be $(x \times n)$ years
- If you are assuming the current age to be x , then $1/n$ of the age shall be equal to (x/n) years

Problem on Age Questions for SSC CGL

1. Three years ago, the ratio of the age of father to that of his son was $8 : 3$. After 4 years, their ages will be in the ratio $11 : 5$. What is the present age (in years) of the father?

- A. 52
- B. 51
- C. 48
- D. 55

Ans. B

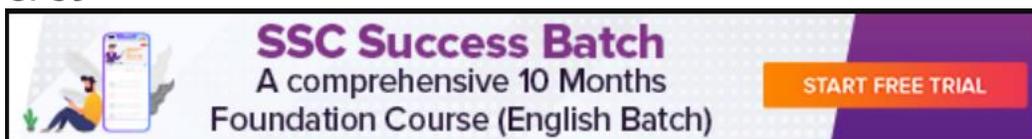
2. Eight years ago, the ratio of ages of A and B was $5 : 4$. The ratio of their present ages is $6 : 5$. What will be the sum (in years) of the ages of A and B after 7 years from now?

- A. 80
- B. 102
- C. 112
- D. 90

Ans. B

3. The ratio of present ages of A and B is $7 : 8$. After 6 years from now, the ratio of their ages will be $8 : 9$. If C's present age is 10 years more than the present age of A, then the present age (in years) of C is :

- A. 56
- B. 52
- C. 59



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D. 45
Ans. B

4. Ratio of the present age of a mother to that of the daughter is 7 : 1. After 5 years the ratio will become 4 : 1. What is the difference (in years) in their present ages?

A. 28
B. 31
C. 30
D. 29
Ans. C

5. Twelve years ago, Rakhi was ninth times younger than her grandmother. And after 9 years from now, she will be three times younger than her grandmother. Find the ratio of their ages after 2 years from now.

A. 1 : 7
B. 3 : 11
C. 4 : 17
D. 5 : 7
E. 3 : 13
Ans. B

6. At present, A is younger than B by 8 years. If 4 years ago, their ages were in the ratio 1 : 2, then what is the present age of B (in years)?

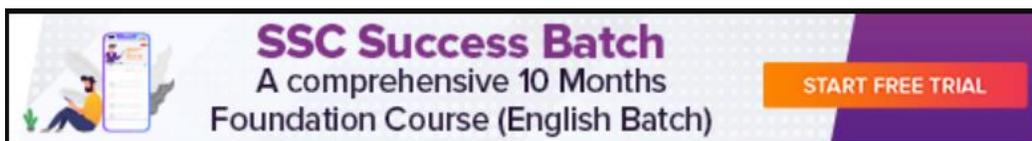
A. 11
B. 20
C. 12
D. 18
Ans. B

7. The average of the ages of A and B is 25 years, that of B and C is 30 years and that of C and A is 32 years. The age of C (in years) is:

A. 37
B. 32
C. 35
D. 39
Ans. A

8. Five years ago, the average of the ages of 4 persons was 40 years. If a new person joins the group now, then the average of the ages all five persons is 46 years. The age of the fifth person (in years) is:

A. 47



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B. 50

C. 55

D. 48

Ans. B

9. Six years ago, the average of the ages of Ravi, his wife and their child was 32 years. Nine years ago, the average of the ages of Ravi's wife and the child was 24 years. Find the present age of Ravi?

A. 50 years

B. 48 years

C. 46 years

D. 45 years

Ans. B

10. Before 4 years ago ratio of ages of father to son is 6:5 and mother to son is 3:2. If mother is 6 years elder than father what is the present age of son?

A. 12 years

B. 16 years

C. 20 years

D. 24 years

E. None of the above/more than one of the above

Ans. D

11. Vivek said to his daughter, "At the time of your birth my age was 15 years more than your present age." If present age of Vivek is 35 years, what is his daughter's age after 5 years?

A. 7.5 years

B. 15 years

C. 22.5 years

D. 30 years

Ans. B

12. The average age of a number of persons in a group was calculated as 41 years, which was 2 years more than the correct average as there was an error in recording the age of two persons as 45 years and 43.5 years instead of 34.5 years and 32 years respectively. The number of persons in the group was:

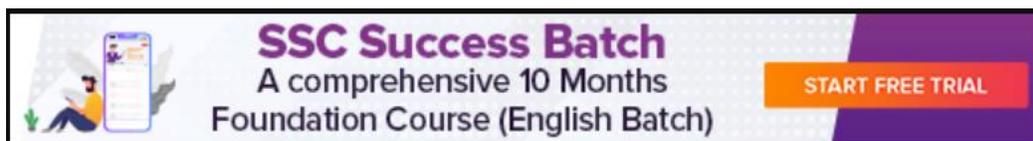
A. 10

B. 12

C. 13

D. 11

Ans. D



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13. The ratio of the ages of Neha and Sneha 12 years ago was 1 : 4. The ratio of their ages three years hence will be 3 : 7. Then the ratio of their present age is

- A. 3 : 4
- B. 5 : 9
- C. 2 : 5
- D. 4 : 9

Ans. C

14. Present ages of A and B are in ratio 8:15 respectively. 8 years ago their ages were in ratio 6:13. What is the ratio of their ages 8 years from now?

- A. 9:16
- B. 9:17
- C. 10:17
- D. 13:17

Ans. C

Age Questions for SSC

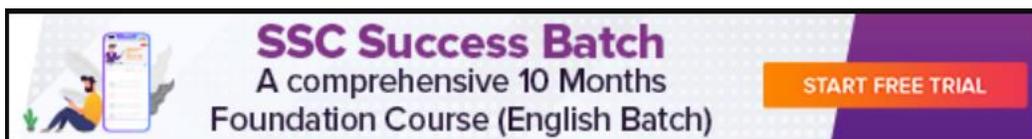
Q1. The age of the father 3 years ago was 7 times the age of his son. At present, the father's age is five times that of his son. What are the present ages of the father and the son?

Q2. At present, the age of the father is five times the age of his son. Three years hence, the father's age would be four times that of his son. Find the present ages of the father and the son.

Q3. Three years earlier, the father was 7 times as old as his son. Three years hence, the father's age would be four times of his son. What are the present ages of the father and the son?

Q4. The sum of the ages of a mother and her daughter is 50 yrs. Also 5 yrs ago, the mother's age was 7 times the age of the daughter. What are the present ages of the mother and the daughter?

Q5. The sum of the ages of a son and father is 56 yrs. After 4 yrs, the age of the father will be three times that of the son. What is the age of the son?



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Q6. The ratio of the ages of the father and the son at present is 6: 1. After 5 years, the ratio will become 7 : 2. What is the present age of the son?



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