Problems on Ages



Placement for All., All for Placement

This Video Completely covers the problems on Ages which is more than sufficient for all kind of placement Exams eg: TCS/WIPRO/AMCAT/ELITMUS/CoCubes and all other placement Exams.

Problems on Ages

Concepts:

1) If the present age of a person is "x" years old.

Then the age 5years hence/after will be= "x+5".

Then the age 5years before/ago= "x-5"

$$\begin{bmatrix} 25 \\ \hline 30 \\ \hline 35 \end{bmatrix}$$

27. If A ages after 2 years will be twice the age of B. (A+2) = 2 (B+2) $(A+2) = 2 \times (B+2)$ $(A+2) = 2 \times (B+2)$

3/. If ratio of ages of A:B is 2:3, then in terms of value we can write.

A=2x years

B=3x years

Problems on Ages

Q1 Raju age after 15 years will be 5 times his age 5 years back, What is the present age of Raju?

a)15 b)14 c)10 d)8

Solution:

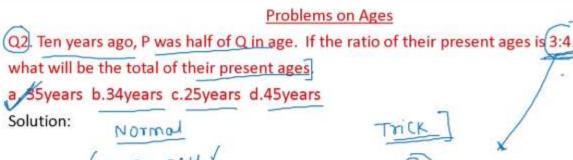
Raju present age: R. before 54ears (R-5)

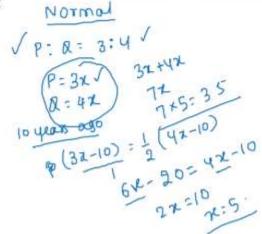
after 15 years

: (R+15) =
$$5 \times (R-5)$$

: R+15 = $5R-25$

: $4R = 15+25$
 $4R = 40$
 $R = 40$





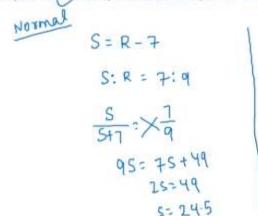
Q3) The Ages of Pratik and Garima are in the ratio of 6:7 after 6 years the ratio of their ages will be 15:17. What is the present age of Garima.

a. 22years b.32years c.26years d.28years

Problems on Ages

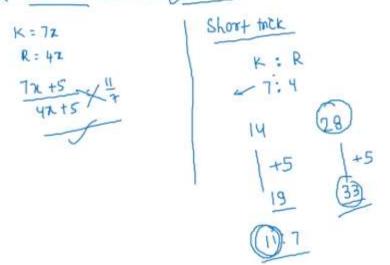
Q4. Sachin is younger than Rahul by 7 years. If the Ratio of their ages is 7 9 find the age of Sachin.

a. 23.5years b.24.5years c.12.5years d.14.5years



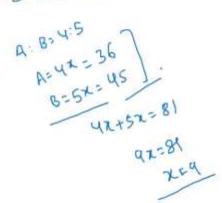
$$R-S=7$$
 $9-7$
 $1-3.5$
 $7-3.5\times7$
 $= 24.5$

- Q5. The ages of kumar and Raja are in the ratio of 7:4, after 5 years the ratio of their ages will be 11:7. find the present age of kumar.
- a. 12years b.14years c.15years d.28years



Problems on Ages

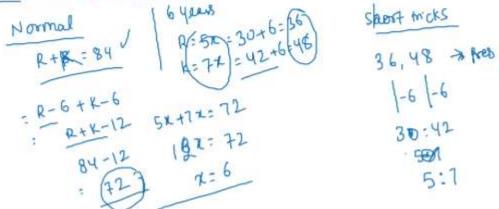
Q6) The sum of Ages of A and B is 81 years and The ratio of their ages are 4:5. Find present ages of A and B is?



Problems on Ages

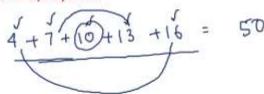
Q7. The sum of Ages of Ramesh and Kamal is 84years. 6 years ago the ratio of their ages were 5:7. Find out the present ages of Ramesh and Kamal.

a)36, 48 b)49,54 c)52,60 d)None



Q8) The sum of Ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of youngest child?

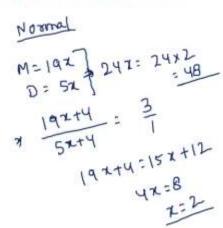
a)Ayears b)8years c)10years d)12years



Problems on Ages

Q9. The ratio of the ages of the mother and daughter of present is (19:5) after 4 years the ratio will become 3:1. what is the sum of the present ages of the mother and daughter?

a. 40years b.48years c.42years d.Mone



Problems on Ages

Q10) The age of a person is thrice the total ages of his 2 daughters. 0.5 decades hence, his age will be twice of the total ages of his daughters. Then what is the father's current age? [0.5 Decades = 5 Years]

[0.5 Decades = 5 Years]

A) 35 years

B)
$$40$$
 years

Short

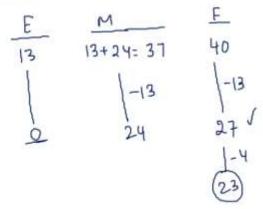
F = $3 \times (D_1 + D_2)$

3 x 15

A

Q11) Ena was born 4 years after her parents marriage. Her mother is three years younger than her father and 24 years older than Ena, who is 13 years old. at what age Ena's father get married?

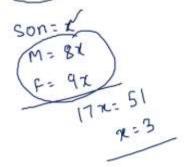
a. 22years b 23years c.24years d.25years



Problems on Ages

Q12 A father is 9times as old as his son and the mother is eight times as old as the son. The sum of the father's and the mother's age is 51years old. What is the age of son?

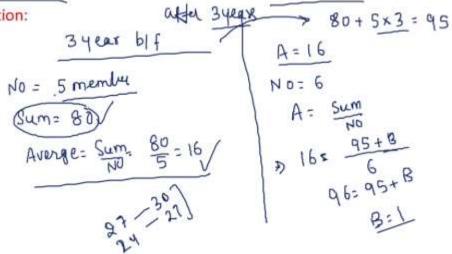
a. 7years b.5years c.4years d.3years



Problems on Ages

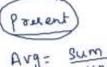
Q13. The sum of ages of 5members comprising a family, 3years ago was 80years. The average age of the family today is the same as it was 3years ago, because of an addition of a baby during the intervening period. How old is the baby?

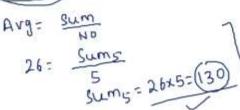
Solution:



- Q14) The present average age of a family of five members is 26 years. If the present age of the youngest member in the family is ten years, then what was the average age of the family at the time of the birth of the youngest member ? (Assume no death occurred in the family since the birth of the youngest)
- A) 19 years
- B) 16 years
- C) 18 years
- D) 20 years

Solution:





Problems on Ages

- Q15. Raju got married 8years ago. His present age is 6/5 times his age at the time of his marriage Raju's sister was 10 years younger to him at the time of his marriage. The present age of Raju's sister is ?
- A) 30 B) 32
- C) 38 D) None

Solution:

8 years 090 Ragu: R = 40

R+8 J = 48

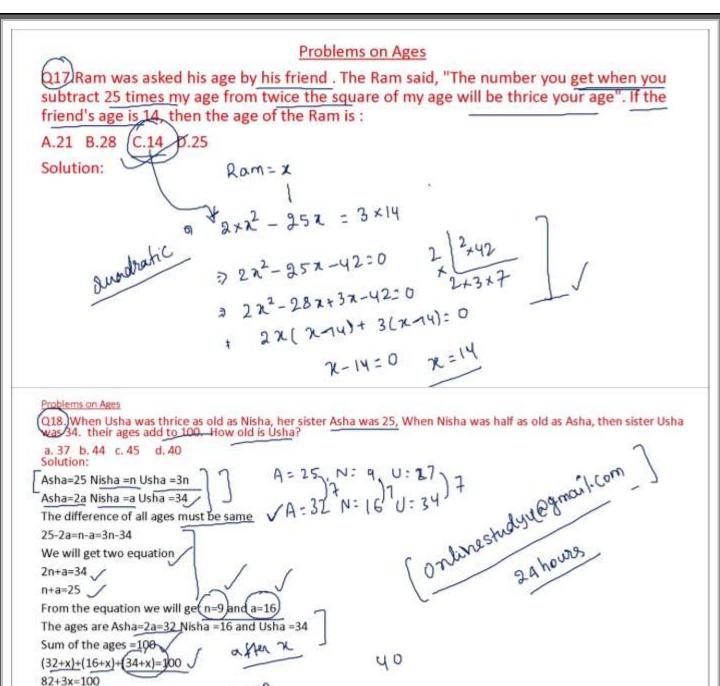
R+8 = 6 x R = 3

10 5R+40= 6R

Problems on Ages

- Q16) A person says that his son is 5 times as old as his daughter and his wife is 5 times older than his son and he is twice the age of his wife . The sum total of all the ages equals the age of the grand mother who celebrated her 81st birthday today. How old was his son?
- A) 50 yrs
- B) 25 yrs
- C) 72 yrs
- D) 40
- Solution:
- (el None

W: 5x5x = 25x F= 2x25 x= 50x



3x=18 /

Age of Usha =34+6=40