Ages - Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Ages**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.

Q 1 - The average age of five officers in a department is 32 years. If the age of their supervisor is added the average increases by 1. What is the supervisor's age?

A - 32 years

B - 48 years

C - 38 years

D - 42 years

Answer : C

Explanation

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Supervisor?s age = 32 + 6 = 38 years
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Hide Answer

Q 2 - The average age of 30 boys in a class is 15 years. One boy aged 20 years, left the class, but two new boys came in his place whose ages differ by 5 years. If the average age of all the boys now in the class still remains 15 years, the age of the younger newcomer is :

A - 20 years

B - 15 years

C - 10 years

D - 8 years

Answer : B

Explanation

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Let the age of younger boy be x years.
Therefore age of older boy = (x+5) years
Then, total age of 30 boys = 30*15 = 450 years
Total age of 31 boys after two newcomers join = 450 - 20 +x + x +5
= 435 + 2x
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From the question, 435 + 2x = 31 * 15
Or, 2x = 465 - 435
Or, x = 15 years
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Show Answer

Q 3 - Six years back Seema was half of that of Rupa in age. Four years hence the respective ratio of their ages would be 3:5. How old is Rupa at present?

A - 32 years

B - 16 years

C - 40 years

D - None of these

Answer : D

Explanation

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Let the present ages of Seema and Rupa be x years and y years respectively.
According to question,
(y - 6) = 2(x - 6)
Or, y - 6 = 2x - 12
Or, 2x - y = 6   ...(i)
Similarly,
(x + 4)/(y + 4) = 3/5
Or, 5x + 20 = 3y + 12
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Or, 5x - 3y = - 8       ... (ii)
From equ (i) and equ (ii),
6x - 3y = 18
5x - 3y = -8
We get, x = 26 years and y = 46 years
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Hide Answer

Q 4 - Prabhakar is 15 years older than Navin and Navin is 25 years younger than Ashok. Which of the following represents the difference between the ages of Ashok and Prabhakar?

A - 40 years

B - (40 + 2N) years

C - (40 + N) years

D - None of these

Answer : D

Explanation

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According to question,
P = N + 15
A = N + 25

∴A - P = (N + 25) - (N + 15) = 10 years
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Hide Answer

Q 5 - If 100 year is equal to the sum of the ages of father and son. 2:1 was the ratio of father and son before the period of 5 years . Find out the ratio of ages which would be after the period 10 year.

A - 4:3

B - 5:3

C - 3:5

D - 10:7

Answer : B

Explanation

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If x is the father  age ,then son age will be (100-x)
x-5/ (100-x)-5 =2/1 ⇒ (x-5)= 2(95-x)  ⇒ x =-5= 190 -2x ⇒ 3x =195 ⇒ x =65
father age = 65 yrs. And son age = 100-65 = 35 year
required ratio = (65+10) / (35+10) =75/45 = 5:3
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Hide Answer

Q 6 - 18 year was the average age of A and B before the period of 3 year . if we add C in them , in that case the average become change and the new average is 22. What should be the present age of C?

A - 24 years

B - 27 years

C - 28 years

D - 30 years

Answer : A

Explanation

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Sum of the ages of A and B , 3 years ago = (18*2) years =36 years
Sum of the present age of A and B = (36+3*2) year = 42 years
Sum of the present age of A, B and C = (22*3) = 66 years
Present age of C = 66- 42 = 24 years
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Hide Answer

Q 7 - A mother have 7 times in the comparison of her daughter at the time of 1 year ago . At the present time mother age is equal to the square of her son . What should be the time age of mother?

A - 7 years

B - 36 years

C - 49 years

D - 64 years

Answer : B

Explanation

Let the present age of the son be x years.
Man present age =7(x-1)+1 years = (7x-6) yrs.
$7x-6 = x^2 \Rightarrow x^2-7x+6 = 0 \Rightarrow (x-6)(x-1) = 0 \Rightarrow x = 6 \text{ or } x = 1$
∴ present age of men = (7*6-6) = 36 yrs.

Hide Answer

Q 8 - If 45 year is the sum of mother and her son age. 5 year agoThe product of mother and son ages was 4 times in the comparison of mother present age. Find out the present age of mother and her son?

A - 25, 10 years.

B - 36, 9 years

C - 41, 18 years

D - 51 , 20 years

Answer : B

Explanation

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Let mother present age be x yrs and son  age be  (45-x) yrs.
(x-5) (45-x-5) = 4(x-5) ⇒( x-5) ( 40-x) = 4( x-5) ⇒ 40-x =4 ⇒ x =36
Present age of mother is 36 yrs. And age of son is 9 yrs.
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Hide Answer

Q 9 - Before the period of 16 year, my grandfather was 8 times older in the comparison of me. He would be 3 times of my age 8 years now. Find out the ratio of my grandfather and my age before the period of 8 year.

A - 1:2

B - 1:5

C - 3:8

D - none of these

Answer : D

Explanation

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Let my age 16 yrs ago be x years.
My grandfather age at that time = 8x years
My present  age = (x+16) yrs.
My grandfather present age = (8x+16) years.
3(x+16+8)= (8x+16+8) ⇒ 3x+72 = 8x+24  ⇒ 5x = 48 ⇒ x = 48/5
Ratio of our  ages  8 yrs ago =  (x+16-8) /(8x+16-8) = x+8/ 8x+8
 (48/5+8)/ (8* 48/5 +5) = 88/424 = 11 :53.
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Hide Answer

Q 10 - Here 3:2 is the present age ratio between raj and john. If raj was 6 year older in the comparisoin of john after the priod of 4 years. What should be the present age ratio of john?

A - 5 years

B - 12 years

C - 20 years

D - 37 years

Answer : B

Explanation

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Let raj age = 3x years. Then john age = 2x years.
(3x-4) = 2x-4 +6 ⇒ x =6
Present age of john = (2*6) = 12 years
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Hide Answer