



MATHS



- CASELET DI
- NUMBER SERIES
- QUADRATIC EQUATION
- APPROXIMATION

तैयारी **TOPPERS** वाली

LIVE | 11:30 AM

By Shubham Mahendras





UPCOMING ONLINE BATCHES

September 2022

07 SEP 2022

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

14 SEP 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

21 SEP 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

28 SEP 2022

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

BILINGUAL

14 SEP 2022

11:30 AM to 01:30 PM

BANK ONLINE LIVE CLASS

BENGALI+ENGLISH

28 SEP 2022

04:00 PM to 06:00 PM

BANK ONLINE LIVE CLASS

BENGALI+ENGLISH



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7052477777/7052577777



PUJA KUNDU 21 hours ago

The ans is NOT.. A:B=(1:2)×2.....AND ...C:A+B=(1:2)×3...TOTAL WORK==..3×40.....ALL TOGETHER..3×40/(2+4+3==9)===40/3==13+1/3DAYS....THANK YOU SOO MUCH SIR FOR THE AMAZING SESSION 🏆👍👍👍



Ankit Sahu 22 hours ago

Great session ..sir ji



Atigya Garg 21 hours ago

Thank you sir Amazing session ❤️

Sir jo hw vale ques hote hai unko bhi please class me discuss krlijiye Doubt reh jata hai todha bahut !!!! Please sir 😞



Niharika Jha 22 hours ago

Thank you sir 👍

Sir Caslet DI karwa dijiye, usse bohot daar lgta hai ... 😞 And Mocks v sir ... Aap se padh kar math improve hogaya , thank you 👍
Homework answer: option E



Surbhi Sinha 18 hours ago

Option EEEEEEE 🔒🔒 confirm, damdar logic session sir 👍



ANJALI SHUKLA 22 hours ago

Very nice session sir



Mohit.. 15 hours ago

Thank-you Sir for today's very Amazing Class Session.. 👍👍

ਏਡ

My Answer for today's homework is-
Option E == NoT.

As, A : B = 1 : 2.. *2 == 2 : 4.

C : (A+B) == 1 : 2 *3 == 3 : 6.

A : B : C == 2 : 4 : 3.

Work done by all== 3 * 40/9 == 40/3.

100

Thank-you so much, Sir ji.. 👍👍



Nupur Tiwari 22 hours ago

Superb session sir ji



Neha Singh 11 hours ago

H.w. ans 40/3



Monika Kumari 22 hours ago

40/3



Rajat Sahu 11 hours ago

Ans is - NOT



Rimpa Das 20 hours ago

E..NOT.



sonam gupta 22 hours ago

Hw ans 80days

Superbb session sir 👍

Sir boat&stream, profit & loss pdaa dijiye or wrong no.series bhi 👍



Priya Bharati 14 hours ago

H. W answer is 40/3 days, option E .

Nd thanks for clearing the concept very easily sir 👍



Vitāmiñ_protēēñ(rùssià ààlē)_RU 1 hour ago

NOT..... 👍👍



Twinklr Gupta 18 hours ago

Sir muze maths se bht Darr lgta tha..but ab Darr thoda sa km hua h..lkin lgta to avi v h..so aapse request h ki aap hw question v discuss Kiya kre aur jese time and work smz, ache se aapke batane pr .vese hi salary monthly based questions v easy method se kra dijiye..qki last class m aapne kraya tha..to smz nhi aaya tha wo



swagata dey 21 hours ago

Hw Answer is 40/3 jabardast session sir 😊😊



Ishan Srivastav 22 hours ago

sir mere maths starting sai bhut weak thi aur maths sai mujhe bhut dar bhi lagta tha but sir aab bhut improvement huua hai aur maths mera aab fav sub ho gaya hai thank u so much sir ji kabhi socha nhi tha ki maths aab without pen bhi kar sakta hu 🤔
🤔🤔🤔🤔🤔🤔



Kajal Singhal 22 hours ago

Sir aap itna achha pdate ho ki hmare dream me bhi aakr hme pdate ho 😊😊😊🤔🤔🤔🤔



Simran Chauhan 21 hours ago

Homework answer is option E

Sir mujhe ratio and proportion tough lgta hai . Mne bht try kia h sir.. but vo hote hi nhi h.. aapke kraye questions hote h but jb khud s questions krti hu toh usme trick lgana ya kese krna h usko.. vo smjh nhi aata.. is vjh s mere baaki topics k word problems m b dikkt ho jati h ..
Please sir Ek session ratio and proportion k b krwa dijiye.. bs mera y concept b clear ho jyga..

Jese aaj. Time and work k kraya bht ache s clear ho gye uske concept abhi tk k.. toh vo acha lg rh h..
BTW amazing session sir.. 🤔🤔 aapki cls jis din miss ho jati h to lgta h kch adhura sa h Aaj maths nhi ki ... 😊😊



Tanisha p 15 hours ago (edited)

Thank you sir 🙏

Awesome session sir 🙏 apse padhke maths mai improvement hua sir or ST mai bhi kafi improve ho raha hai

Sir ek request hai ki HW question bhi discuss kariye kuki sir ans to ajata hai per apke method ki baat hi alg hai
HW --- not
Thank you sir 🙏🙏🙏



Jyoti 21 hours ago

Sir apki class me bht mja ata he pdne me ... 🤔😊☀️...Home work answer is 🙏 13 1/3 days





$$167.71 \div 6.09 \times 4.11 = 79.86\% \text{ of ?}$$



- A.116
- B.168
- C.190
- D.140
- E.260





$$768.16 \div 11.87 \times \sqrt{267} - 58.05 = ?$$



- A.1033
- B.1175
- C.966
- D.880
- E.975





5, 7.25, 13.5, 25.75, 46, ?



- A.70.25
- B.71.25
- C.73.25
- D.75.25
- E.76.25



$$20x^2 - 108x + 144 = 0$$



$$8y^2 - 18y + 4 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$
or CND





$$(18.04 \times 19.88) \div 6.97 = (?)^2$$



- A.7
- B.14
- C.11
- D.21
- E.17





$$[\{(155 \div 4) \div 12.96\}]^2 + (1 / 2) \times (63.03 \times 18.02) = (?)^2$$



A.24

B.39

C.51

D.14

E.46





789, 900, 1122, ?, 1899, 2454



- A.1155
- B.1455
- C.1200
- D.1400
- E.1500





$$x^2 - 13\sqrt{2}x + 80 = 0$$



$$y^2 - 15\sqrt{2}y + 100 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$
or CND





$$\sqrt{1296.001} \times 15.99 \div 3.6 + \sqrt{1155.789} \times 5.989 = ?$$



- A.312
- B.365
- C.146
- D.245
- E.432





$$(44.95\% \text{ of } 1200) + (65.06\% \text{ of } 800) = ?$$



- A. 1060
- B. 1240
- C. 860
- D. 1860
- E. 1520





$$16.67\% \text{ of } 5400.001 + 12.5\% \text{ of } 719.99 = ? - 659.98$$



- A.1820
- B.1240
- C.1650
- D.1380
- E.1150



Number of girls and boys in

different classes in a college.

Number of boys in class A is equal to number of girls in class B. Number of boys in class B is 20 more than that of boys in class A. Ratio between number of girls in class A to class B is 3:2.

Total number of students in class B is 20% more than that in class A.

Number of faculty in class A = 40% of boys in class A

Number of faculty in class B

20% of girls in class B

नीचे दिए गए आंकड़े एक कॉलेज में विभिन्न कक्षाओं में लड़कियों और लड़कों की संख्या को दर्शाते हैं। कक्षा A में लड़कों की संख्या कक्षा B में लड़कियों की संख्या के बराबर है। कक्षा B में लड़कों की संख्या कक्षा A में लड़कों की संख्या से 20 अधिक है। कक्षा A और कक्षा B में लड़कियों की संख्या के बीच का अनुपात 3: 2 है। कक्षा B में छात्रों की कुल संख्या कक्षा A की तुलना में 20% अधिक है। कक्षा A में संकाय की संख्या = कक्षा A में 40% लड़के कक्षा B में संकाय की संख्या = कक्षा B में लड़कियों का 60%



different classes in a college.

Number of boys in class A is equal to number of girls in class B. Number of boys in class B is 20 more than that of boys in class A. Ratio between number of girls in class A to class B is 3:2.

Total number of students in class B is 20% more than that in class A.

Number of faculty in class A = 40% of boys in class A

Number of faculty in class B

Total number of boys in class B is what percentage more than total number of girls in class A?

कक्षा B में लड़कों की कुल संख्या, कक्षा A में लड़कियों की कुल संख्या से कितने प्रतिशत अधिक है?





Total number of boys in class B is what percentage more than total number of girls in class A?

कक्षा B में लड़कों की कुल संख्या, कक्षा A में लड़कियों की कुल संख्या से कितने प्रतिशत अधिक है?

	A	B
Boys	20	40
Girls	30	20
Faculty	8	12



- A. 30%
- B. $33 \frac{1}{3}\%$
- C. 40%
- D. 20%
- E. $10 \frac{1}{3}\%$



Number of faculty in class B is what percentage of number of girls in class A?

कक्षा B में संकाय की संख्या, कक्षा A में लड़कियों की संख्या का कितना प्रतिशत है?

	A	B
Boys	20	40
Girls	30	20
Faculty	8	12



- A. 35%
- B. 44%
- C. 40%
- D. 33%
- E. 54%



If the number of girls in class B is increased by 20%, then by what percent the number of boys in class B should be decreased so that the total number of students in class B remains same as before?

यदि कक्षा B में लड़कियों की संख्या में 20% की वृद्धि की जाती है, तो कक्षा B में लड़कों की संख्या में कितने प्रतिशत की कमी की जानी चाहिए ताकि कक्षा B में छात्रों की कुल संख्या पहले के समान रहे?

	A	B
Boys	20	40
Girls	30	20
Faculty	8	12



- A. 20%
- B. 30%
- C. 40%
- D. 10%
- E. 25%



If 50 new students took admission in class A, how many new boys took admission among the 50 students so that the ratio of number of boys to that of girls in class A becomes 9:11?

यदि 50 नए छात्रों ने कक्षा A में प्रवेश लिया, तो 50 छात्रों में से कितने नए लड़कों ने प्रवेश लिया ताकि कक्षा A में लड़कों की संख्या और लड़कियों की संख्या का अनुपात 9:11 हो जाए?

	A	B
Boys	20	40
Girls	30	20
Faculty	8	12



- A.20
- B.25
- C.30
- D.35
- E.15



During project making, if each faculty is undertaking work of 5 students then, how many more faculties should be included so that, all students are covered?

परियोजना निर्माण के दौरान, यदि प्रत्येक संकाय 5 छात्रों का कार्य कर रहा है, तो कितने और संकायों को शामिल किया जाना चाहिए ताकि, सभी छात्रों को कवर किया जा सके?

	A	B
Boys	20	40
Girls	30	20
Faculty	8	12



- A.1
- B.0
- C.3
- D.4
- E.2



$$198.05 \times 126.05 \div 76.87 + 178.44 - 294.77 = ?$$



- A.324
- B.315
- C.295
- D.154
- E.207





$$59.71\% \text{ of } (207.93 + 218.09) = (?)^2$$



A.33

B.21

C.40

D.19

E.16





1442, 722, 364, 187, 100.5, 59.25, ?



- A. 40.625
- B. 38.625
- C. 42.625
- D. 44.625
- E. 36.625





23.995 % of 299.678 – 45.3% of
89.9009 = ?



A.32

B.18

C.54

D.68

E.72



$$2x^2 + 3x - 35 = 0$$



$$4y^2 + 10y - 104 = 0$$

A. $X > Y$

B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





205, 277, 319, 339, ?



A.354

B.355

C.364

D.364

E.345



$$3x^2 - 8x - 16 = 0$$



$$3y^2 - 19y + 28 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$
or CND



$$x^2 = 35$$



$$y^2 + 13y + 42 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$
or CND





2, ?, 64, 1024, 32768



A.8

B.6

C.4

D.10

E.2

