



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



Sneha Dey 18 hours ago

Ans is 345.. Thank you sir..

Maths improve ho raha h sir ab maths se daar nhi lg raha.. Number & wrong no. Series improve ho raha h sir thank you so much.. Sab apke wajah se.. ❤️🙏



Simran Chauhan 21 hours ago

Homework answer is 345..

Thank you sir for this amazing session 🌟
And kl ratio ki cls rkhn k liye 🙏🙏



PUJA KUNDU ----- 21 hours ago

The answer is 345....thank you sir for the amazing session 🙏



Nitika Gupta 21 hours ago

Homework
345



REPLY



• 1 REPLY



Monika Kumari 21 hours ago
Hw 345



Nitu Maurya 13 hours ago

345 ans.

Thanku sir for awesome session.

Apke session se quadratic, number series or approximation ki full practice ho rhi sir.



Jyoti 21 hours ago

Sir mja aagya pd ke...with full energy 🔥🔥🔥🌟🙌🙌🙌🙌🙌 Hw answer =345



Tanisha p 21 hours ago

Thank you sir 🙏 nice session sir 👍👍
HW ---- 345



TwinklR Gupta 20 hours ago

Maths improve ho rhi h sir..

Thank you for the wonderful session.. sir
God bless you sir



Surbhi Sinha 21 hours ago

Home work question 345,,osm session sir 👍👍 sir phele se maths bekr tha AAb improvement h thank you sir 🙏🙏
doubt clear krne k Liye



Niharika Jha 21 hours ago

Thank you for this energetic session sir 👍 .. math improve ho rha hai sir, specially arithmetic prblm sums.. thank you...
Best teacher 😊👍
Homework answer 345



Shefali Thakur 11 hours ago

Answer:
345

👍 🗨️ REPLY



Neha Singh 10 hours ago

Hw answer 45



Mohit.. 21 hours ago

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

एंड

My Answer for today's Homework is-
Option E == 345.

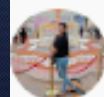
Logic is- $9 \times 8, 7 \times 6, 5 \times 4, 3 \times 2$.

So,

$339 + 6 == 345$.

700

Thank-you So Much, Sir Ji.. 😊🙏



Priya Gupta 8 hours ago

Homework and 345

Aaj ka session but acha tha ab math improve ho rhi h m math stream se thi firr bhi dar lgta h



Manoj kr. Sarkar 21 hours ago

Homework ans: 345

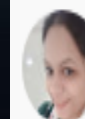
Thank you sir for this amazing session 🙏



Atigya Garg 21 hours ago

Thank you sir

Hw ans is : 345



sonam gupta 16 hours ago

Awesome session sir 👍👍

Hw answer345



$$(7.04)^2 + (6.98)^3 + 567.123 - (4.12)^4 = ?$$



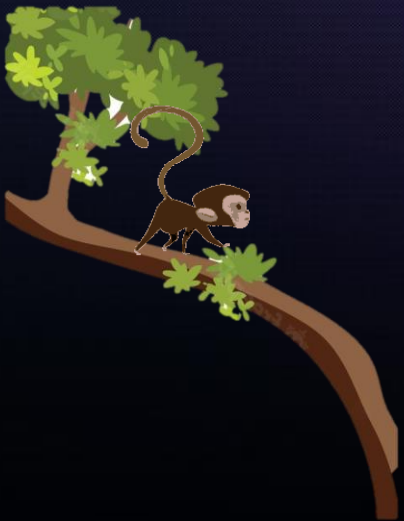
A.610

B.730

C.703

D.680

E.910



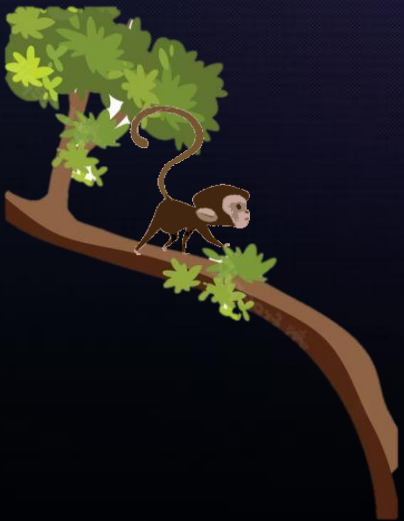


$$x^2 + 2x - 48 = 0$$

$$y^2 = 196$$



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





4, 6, 12, 18, 34, 66



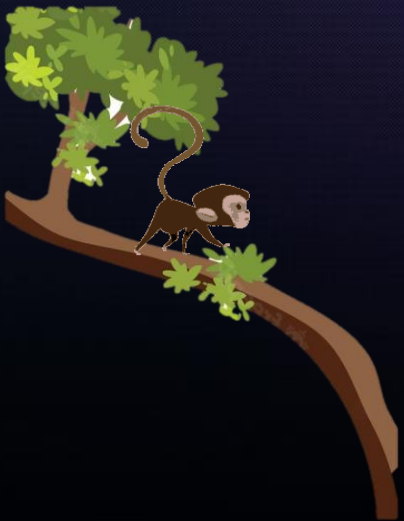
A.66

B.34

C.12

D.18

E.4

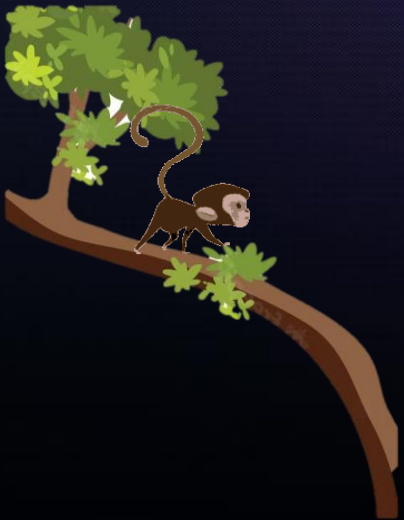




$$14.98\% \text{ of } 100.11 \div 4.99 \times (?) = 29.98$$



- A.7
- B.8.5
- C.13
- D.8
- E.10





$$101.68 \div 5.93 = ? \div 11.01$$



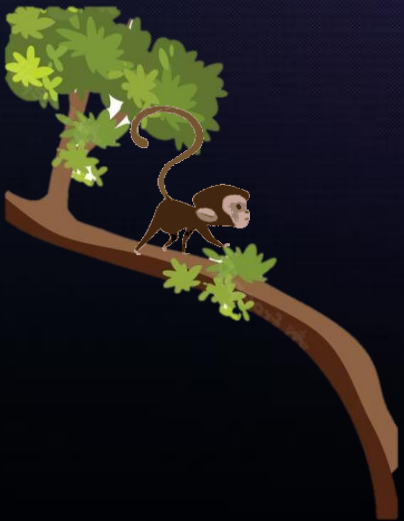
A.113

B.90

C.187

D.209

E.249





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



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

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



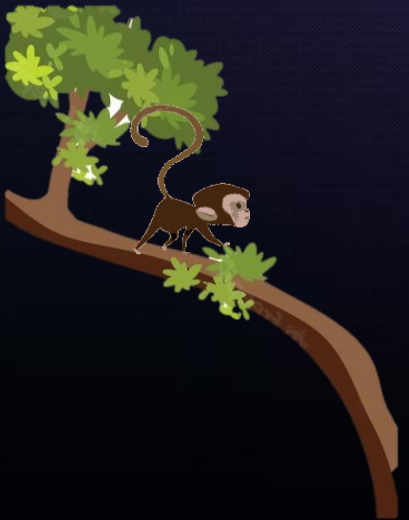


If it takes 42 days for a pond to get filled with rain water. If the level of water doubles each day. Then how long would it take to fill $\frac{1}{16}$ of pond?

यदि किसी तालाब को वर्षा जल से भरने में 42 दिन लगते हैं। अगर पानी का स्तर हर दिन दोगुना हो जाता है। तो तालाब का $\frac{1}{16}$ भाग भरने में उसे कितना समय लगेगा?



- A. 38 days
- B. 39 days
- C. 32 days
- D. 8 days
- E. NOT

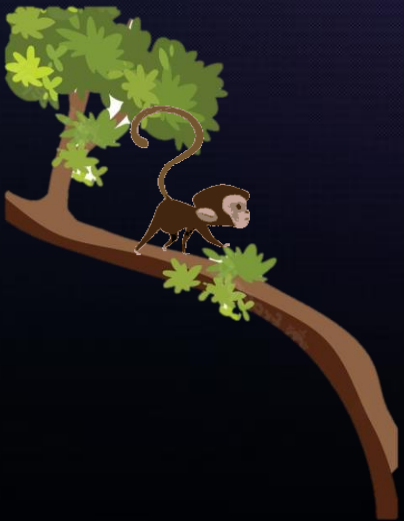




$$33.33\% \text{ of } 899.99 \times 50 - 429.89 = ? + 34.11$$



- A.10655
- B.16789
- C.12342
- D.19867
- E.14536



$$x^2 = 49$$



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

A. $X > Y$

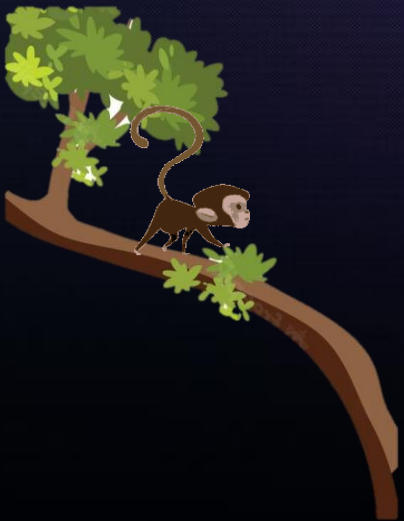
B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





$$4x^2 + 12x + 9 = 0$$



$$2y^2 + 3y + 1 = 0$$

A. $X > Y$

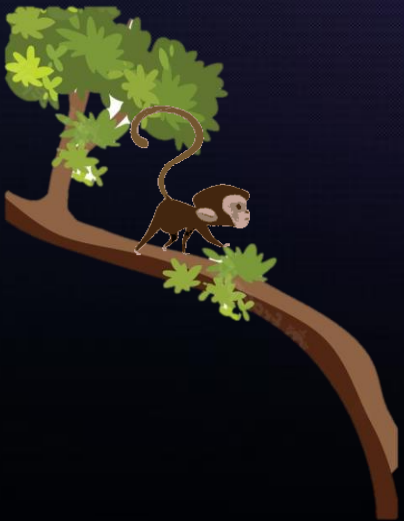
B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND

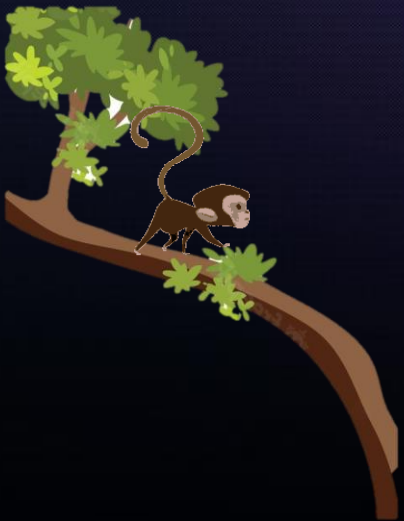




4, 28, 18, 128, 42, 348



- A.18
- B.128
- C.42
- D.348
- E.28



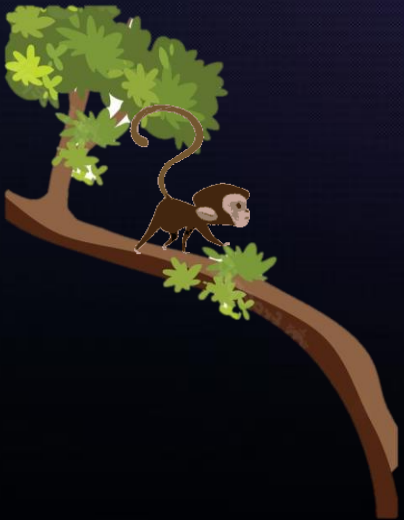


An article sold for ₹360 after allowing discount of 20% on its marked price. Had the discount not been allowed, the profit would have been 50%. The cost price of the article is?

एक वस्तु को उसके अंकित मूल्य पर 20% की छूट देने के बाद ₹360 में बेचा गया। यदि छूट की अनुमति नहीं दी गई होती, तो लाभ 50% होता। वस्तु का लागत मूल्य है?



- A. ₹320
- B. ₹300
- C. ₹360
- D. ₹350
- E. NOT





$$(251.87 \times 8 \times 6.99) \div 25 = 11.986 + ?$$



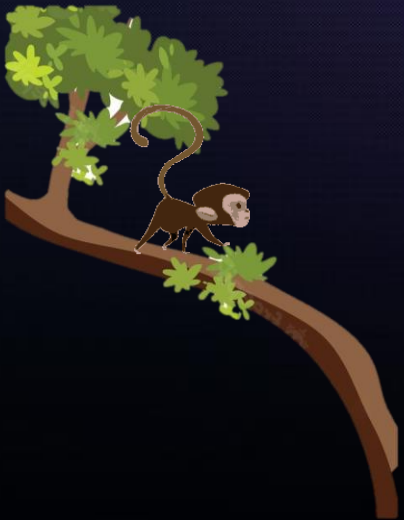
A.448

B.586

C.568

D.548

E.652





$$14x^2 + 11x - 15 = 0$$



$$20y^2 - 31y + 12 = 0$$

A. $X > Y$

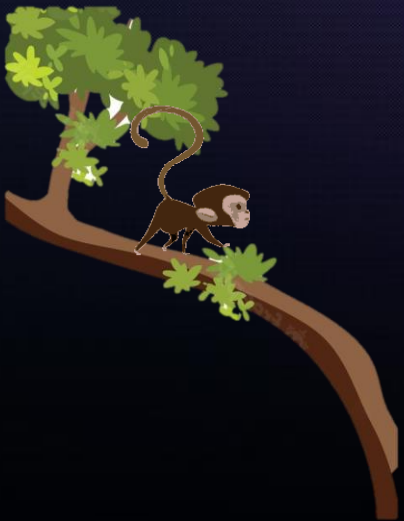
B. $X < Y$

C. $X \geq Y$

D. $X \leq Y$

E. $X = Y$

or CND





$$127.93 \times 4.1 - 116.01 \times 2.95 = ?$$



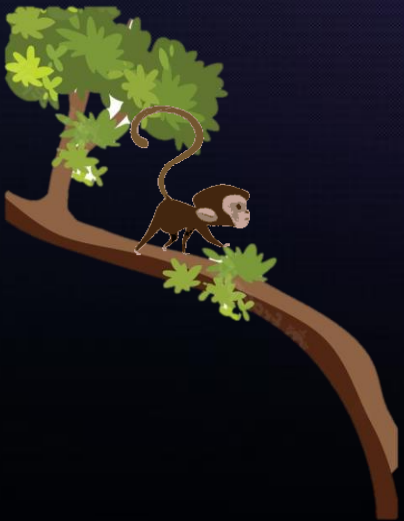
A.106

B.164

C.98

D.196

E.203



A sum of money placed at compound interest triples itself in 9 year. In how many years will it amount to 243 times itself?

चक्रवृद्धि ब्याज पर रखी गई एक राशि 9 वर्ष में अपने आप तीन गुना हो जाती है। कितने वर्षों में राशि 243 गुना हो जाएगी?



- A. 45 years
- B. 36 years
- C. 27 years
- D. 54 years
- E. NOT



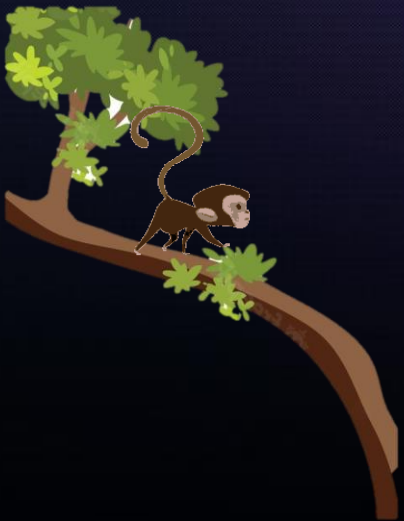


$$9x^2 - 36x + 36 = 0$$

$$4y^2 - 24y + 36 = 0$$



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





29, 30, 28, 35, 19, 44



A.44

B.35

C.30

D.28

E.19

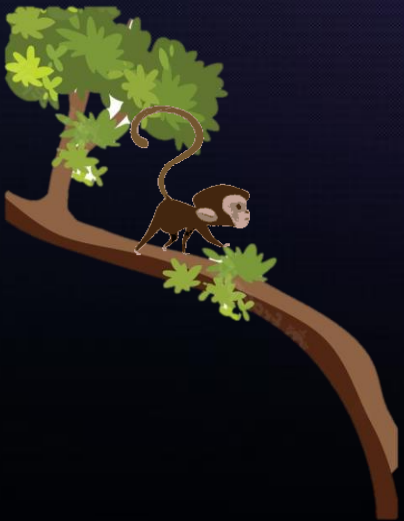




$$\{(120.67 \times 198.87 \times 208.89) / (12 \times 18 \times 11)\} = ?$$



- A.2090
- B.2444
- C.2540
- D.2870
- E.2950





18 men can complete a work in 9 days. After they have worked for 5 days, 6 more men join them. How many days will they take to complete the remaining work?

18 आदमी एक काम को 9 दिनों में पूरा कर सकते हैं। उनके द्वारा 5 दिनों तक कार्य करने के बाद, 6 और पुरुष उनके साथ जुड़ जाते हैं। शेष कार्य को पूरा करने में उन्हें कितने दिन लगेंगे?



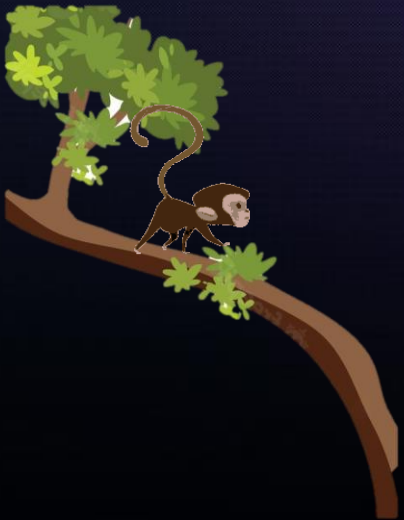
A.3

B.2 1/2

C.2

D.3 1/2

E.NOT



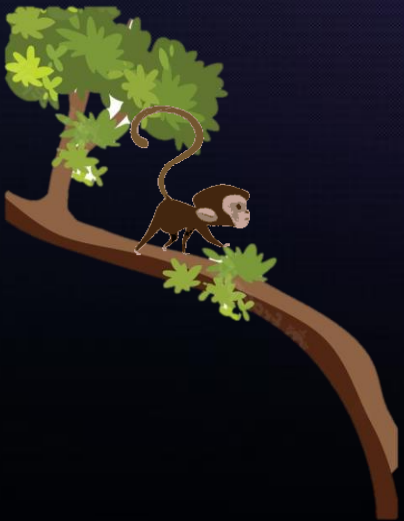


$$2x^2 - x - 10 = 0$$



$$2y^2 + 9y + 10 = 0$$

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





$24.78\% \text{ of } 799.89 - 49.99\% \text{ of } 342.12 = ?$



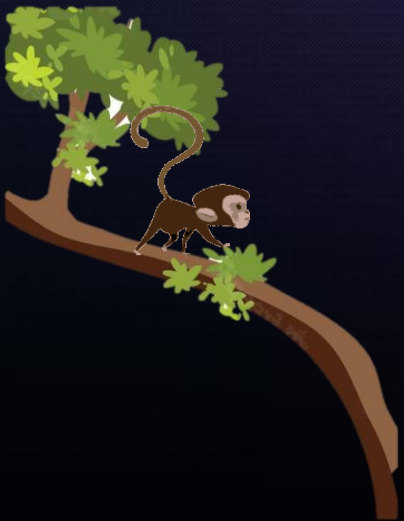
A.40

B.45

C.59

D.29

E.35



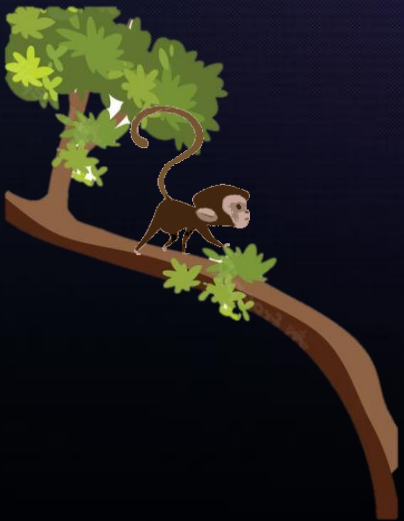


$$x^2 + 33x + 252 = 0$$

$$y^2 + 29y + 210 = 0$$



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





The ratio of speed of a motorboat to that of the current of water is 55:7. The boat goes along with the current in 6 hours 24 minutes. It will come back in?

एक मोटरबोट की गति का पानी की धारा से अनुपात 55:7 है। नाव धारा के साथ 6 घंटे 24 मिनट में जाती है। यह वापस आ जाएगा?



- A. 9.3 hours
- B. 7.3 hours
- C. 11.3 hours
- D. 12 hours
- E. 8 hr 16min





Due to inclement weather, an Aero plane reduced its speed by 150 km/hr. and reached the destination of 4500km late by 1.5hours. Then the schedule duration of the flight was?

खराब मौसम के कारण, एक एयरो विमान ने अपनी गति 150 किमी/घंटा कम कर दी। और 1.5 घंटे की देरी से 4500 किमी के गंतव्य पर पहुंचा। तब उड़ान की निर्धारित अवधि कितनी थी?



- A. 7.5hours
- B. 6 hours
- C. 5 hours
- D. 4 hours
- E. NOT

