





Mahendra's

FOR MORE DISCOUNT VISIT www.mahendras.org & USE PROMO CODE : E04613



SPECIAL FESTIVAL OFFER

12th - 15th Oct 2021



Mahendra's

Upto

80%
Off

ON ALL DIGITAL PRODUCTS

Use code:

PUJA80

*except branch admission

Class Time :- 9:00 AM



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IBPS CLERK/PO 2021

LIVE



MATHS

9:00 AM



**LIVE
MOCK
DISCUSSION**



UPCOMING ONLINE BATCHES

October 2021

06 Oct 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

10:30 AM to 12:30 PM

LIVE CLASS NIELIT CARD
(CCC)

BILINGUAL

13 Oct 2021

10:30 AM to 12:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL

20 Oct 2021

03:00 PM to 05:00 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

01:00 PM to 03:00 PM

LIVE CLASS CTET CARD
(CTET)

BILINGUAL

27 Oct 2021

08:00 AM to 10:00 AM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

LIVE PREMIUM GREEN CARD
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

LIVE PREMIUM SILVER CARD
(SSC CGL & CHSL)

BILINGUAL





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Aheli Chatterjee 14 hours ago

Homework ans-

A (₹ 520000)

Awesome session today Sir. Thank you so much. 🙏

👍 🗨️ REPLY



Rajnandini Pal 14 hours ago

Homework Answer

Option A (520000).

Thank you so much sir 🙏

👍 🗨️ REPLY



Simpal Kumari 2 hours ago

Homework ans:-

520000, Option(A)

Awesome session sr, TQ so much sr 🙏

👍 🗨️ REPLY



Palak Shukla 10 hours ago (edited)

Homework answer---

Option A

520000

Thankyou sir 🙏😊

👍 1 🗨️ REPLY



Sarita 11 hours ago

Homework answer

Option (A) 5200000

Today very nice session sir

Thanku so much sir

👍 🗨️ REPLY



AAYUSH SRIVASTAVA 14 hours ago

HOMEWORK ANSWER- (A): 520000

👍 🗨️ REPLY



jagruti herambha 14 hours ago

Homework ans

A) 520000

👍 🗨️ REPLY



shivani malakar 8 hours ago

520000

👍 🗨️ REPLY



Anu Shree 11 hours ago

520000

👍 🗨️ REPLY



Rityaj Seth 14 hours ago

520000 option A

👍 🗨️ REPLY



Devaki Devi 14 hours ago

Answer a (520000)

👍 🗨️ REPLY



Sakshi Jha 3 hours ago

Hw ans option A (520000)

👍 🗨️ REPLY



Nidhi Katiyar 14 hours ago

Answer -520000

👍 🗨️ REPLY



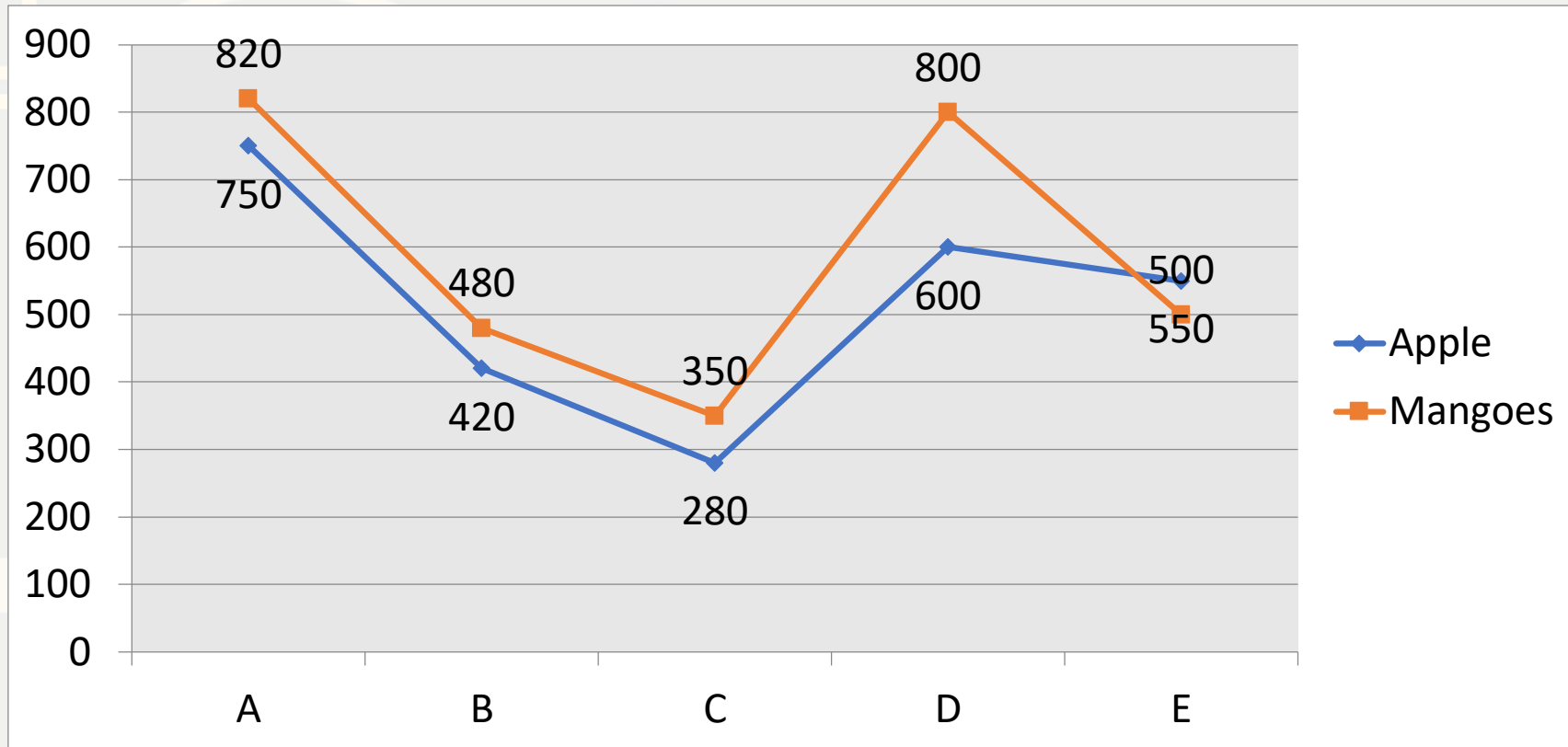
Deep kaur Gill 12 hours ago

Answer 520000

👍 🗨️ REPLY

Class Time :- 9:00 AM

Directions (Q. 1-5):-Read the following information carefully to answer the questions asked Number of fruits (apples and mangoes) in thousands sold out from various methods in a year. पूछे गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी को ध्यान से पढ़ें एक वर्ष में विभिन्न तरीकों से बिकने वाले हजारों फलों (सेब और आम) की संख्या।





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What is the difference between the total number of fruits sold out from A method and the total number of fruits sold out from E method?

A विधि से बेचे गए फलों की कुल संख्या और E विधि से बेचे गए फलों की कुल संख्या के बीच का अंतर कितना है?

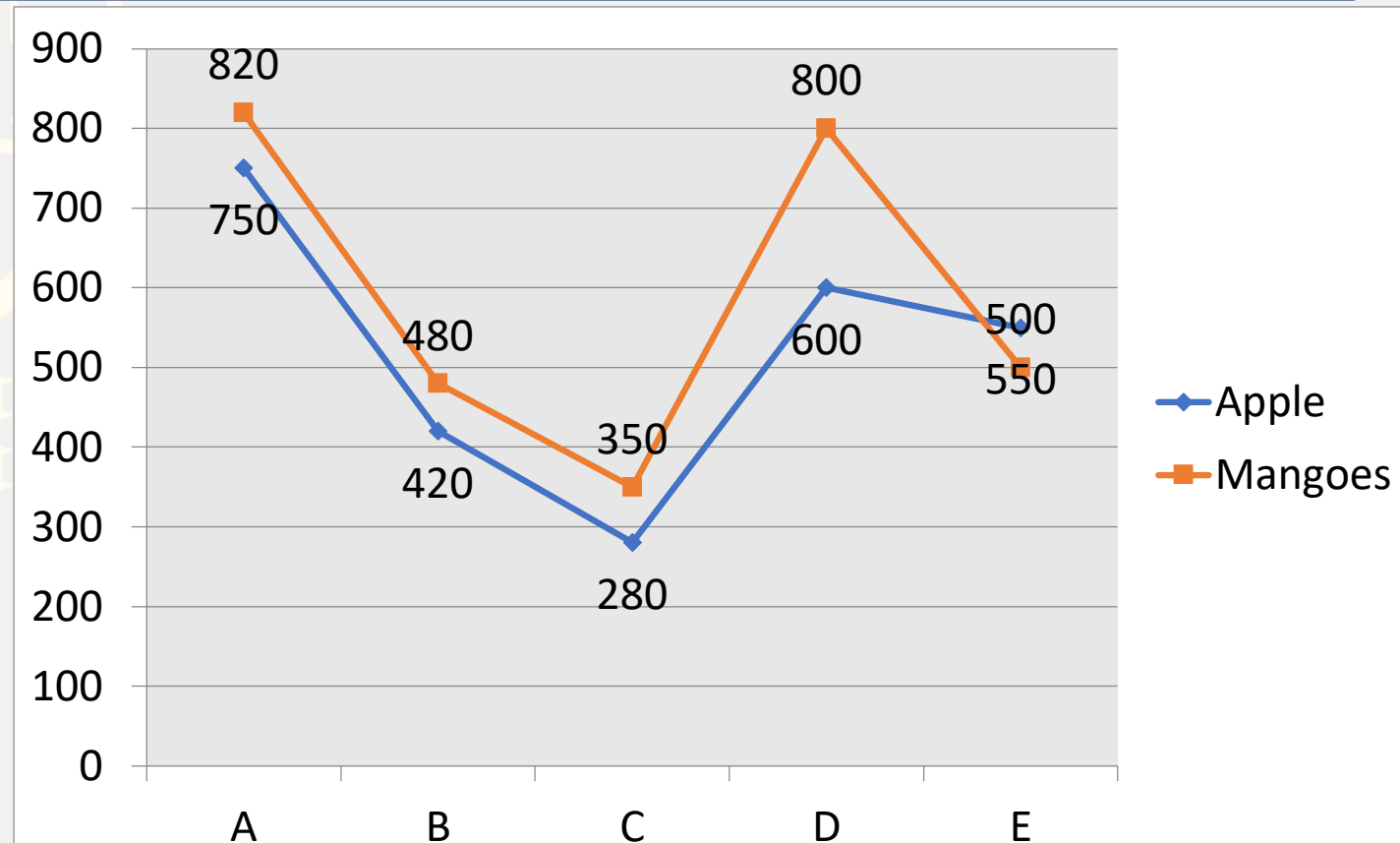
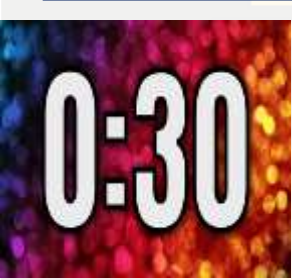
(A) 520000

(B) 625000

(C) 350000

(D) 530000

(E) None of these





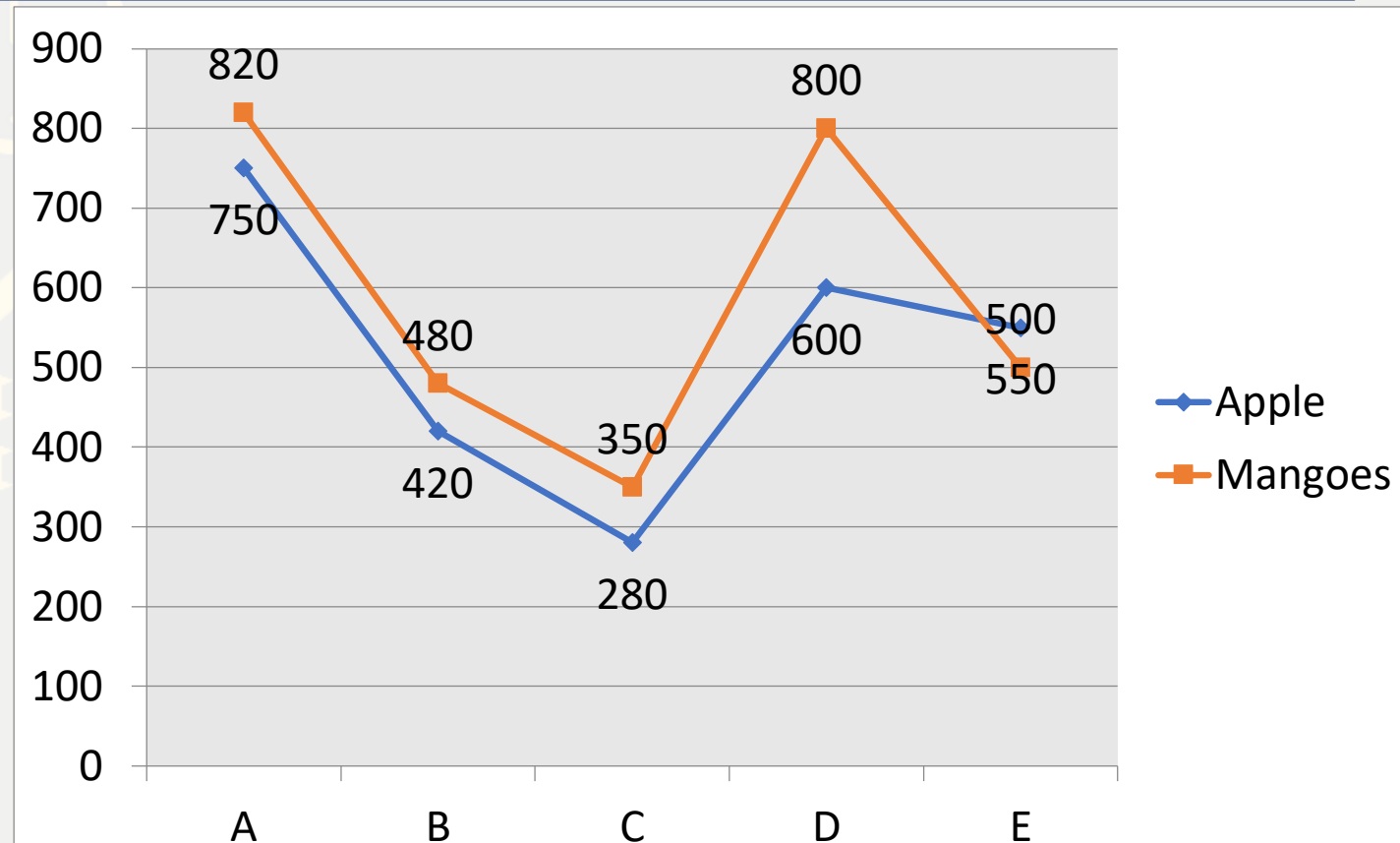
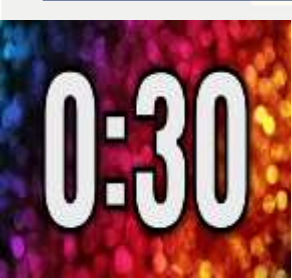
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The number of apple sold out from A method and B method together is what percent of the number of mangoes sold out from C method and D method, together? (Approximate)

A विधि और B विधि से मिलाकर बेचे गए सेबों की संख्या, C विधि और D विधि से बेचे गए आमों की संख्या का कितना प्रतिशत है। साथ में? (अनुमानित)

- (A) 102% (B) 104% (C) 99% (D) 78% (E) None of these





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The number of mangoes sold out from C method is approximately what percent the total number of mangoes sold out from all the method together?

C विधि से बेचे गए आमों की संख्या, सभी विधियों से मिलाकर बेचे गए आमों की कुल संख्या का लगभग कितना प्रतिशत है?

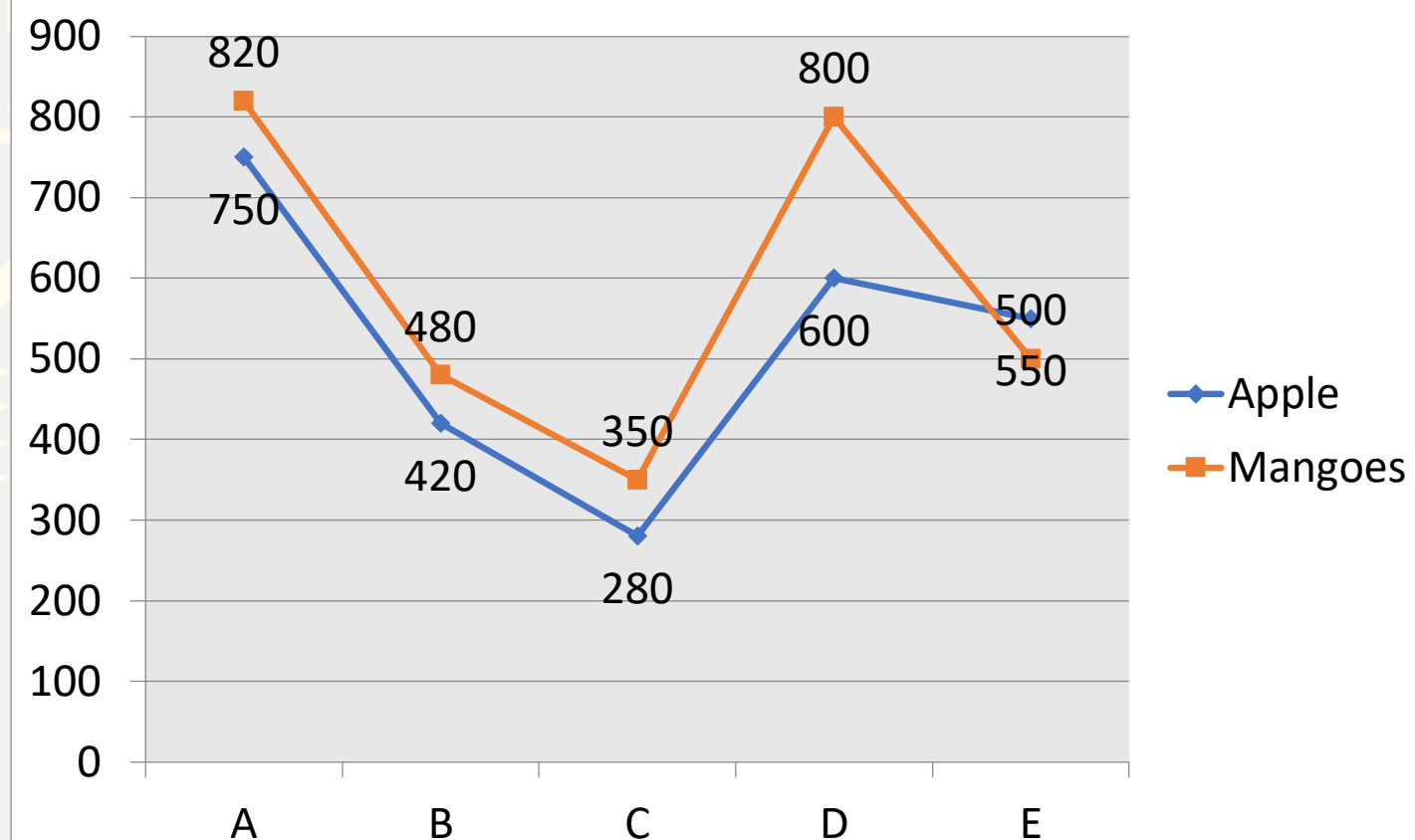
(A) 13%

(B) 18%

(C) 15%

(D) 12%

(E) None of these





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What is the average number of fruits (apples & mangoes) sold out from all the methods together?

सभी विधियों से मिलाकर बेचे गए फलों (सेब और आम) की औसत संख्या कितनी है?

(A) 455000

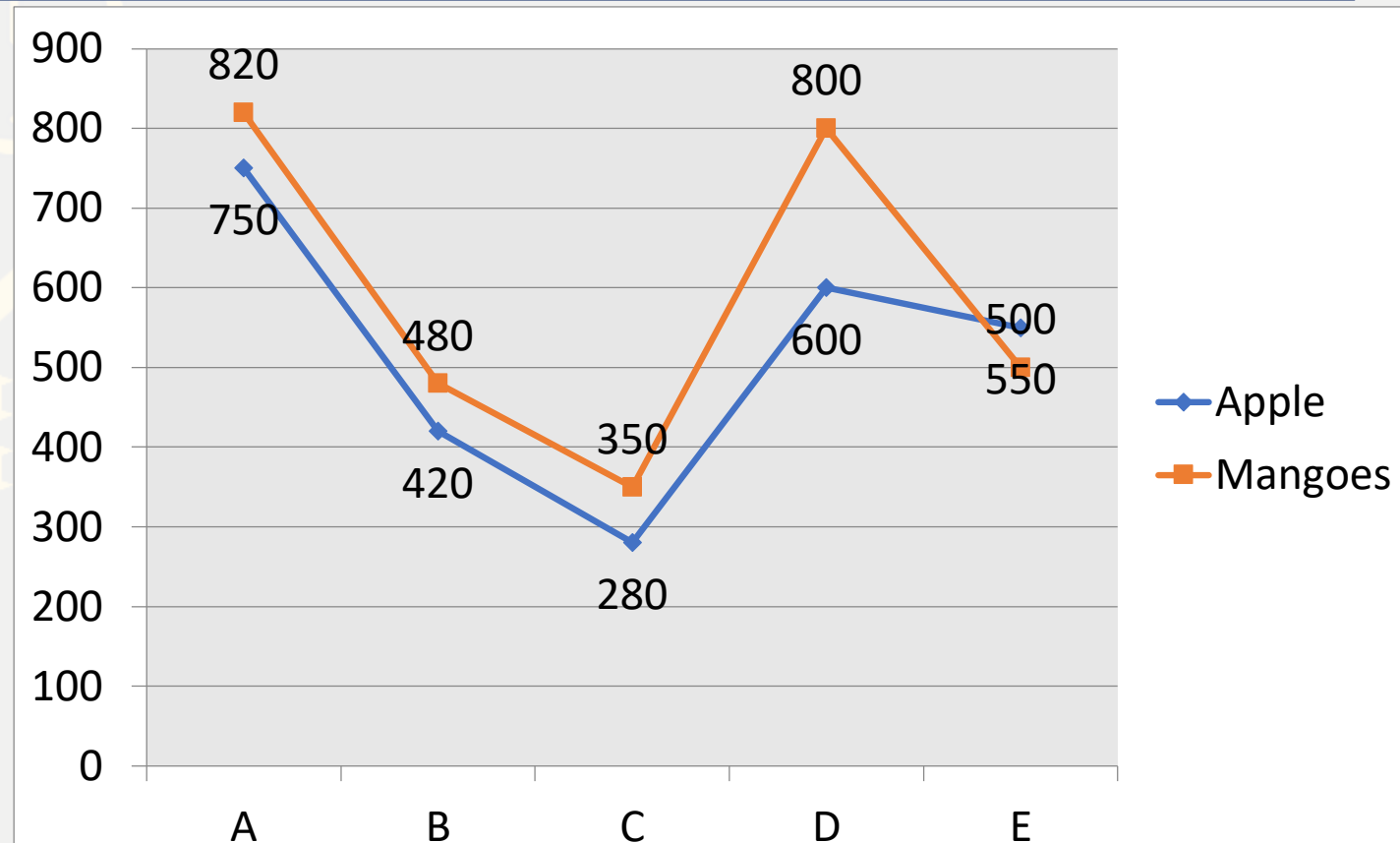
(B) 111000

(C) 555000

(D) 556000

(E) None of these

0:30





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What is the respective ratio of the total number of apples to the total number of mangoes sold out from all the method together?

सभी विधियों से मिलाकर बेचे गए आमों की कुल संख्या से सेबों की कुल संख्या का संबंधित अनुपात कितना है?

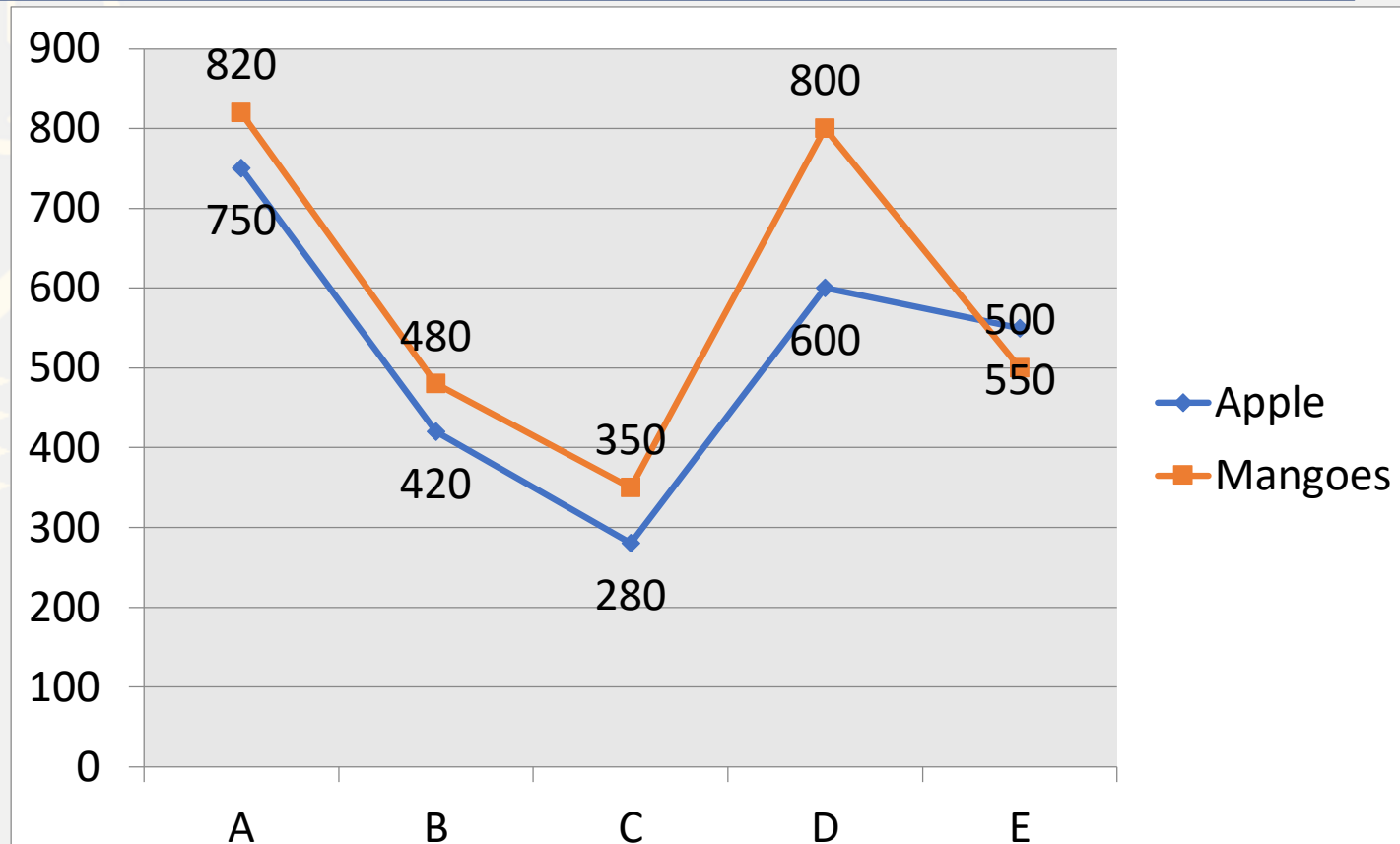
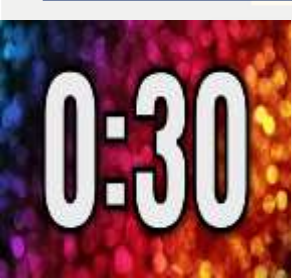
(A) 95:68

(B) 17:20

(C) 34:45

(D) 45:34

(E) None of these





Q.6 :- A bag contains 6 red, 2 blue and 4 green balls. 3 balls are chosen at random. What is the probability that at least 2 balls chosen will be red?

एक बैग में 6 लाल, 2 नीली और 4 हरी गेंदें हैं। 3 गेंदों को यादृच्छिक रूप से चुना जाता है। इसकी क्या प्रायिकता है कि चुने गए कम से कम 2 गेंदें लाल हों?

(A) $1/2$

(B) $2/3$

(C) $1/3$

(D) $3/4$

(E) None of these

0:30



Q.7 :- The sum of five consecutive even numbers is equal to 170. What is the sum of the second largest number amongst them and the square of the smallest number amongst them together?

पाँच क्रमागत सम संख्याओं का योग 170 के बराबर होता है। उनमें से दूसरी सबसे बड़ी संख्या और उनमें से सबसे छोटी संख्या के वर्ग का योग क्या है?

(A) 940

(B) 932

(C) 934

(D) 938

(E) None of these

0:30

Q.8 :- 9 children can complete a piece of work in 360 days. 18 men can complete the same piece of work in 72 days and 12 women can complete the same piece of work in 162 days. In how many days can 4 men, 12 women and 10 children together complete the same piece of work?

9 बच्चे एक कार्य को 360 दिनों में पूरा कर सकते हैं। 18 पुरुष उसी कार्य को 72 दिनों में पूरा कर सकते हैं और 12 महिलाएं उसी कार्य को 162 दिनों में पूरा कर सकती हैं। 4 पुरुष, 12 महिलाएं और 10 बच्चे मिलकर उसी कार्य को कितने दिनों में पूरा कर सकते हैं?

(A) 124

(B) 81

(C) 68

(D) 96

(E) 108

0:30



Q. 9 :- Dheeraj has Rs. 45000 with him. Scheme B and C offers interest at the rate of 5% and 4% respectively. He wanted to invested his money in such a way that the interest received from these scheme after one year of investment is equal so how much money he should invest in scheme C ?

धीरज के पास रु. उसके साथ 45000। योजना बी और सी क्रमशः 5% और 4% की दर से ब्याज प्रदान करती है। वह अपने पैसे को इस तरह से निवेश करना चाहता था कि एक साल के निवेश के बाद इन योजनाओं से प्राप्त ब्याज बराबर हो, तो उसे योजना सी में कितना पैसा निवेश करना चाहिए?

(A) 20000

(B) 40000

(C) 10000

(D) 30000

(E) None of these

0:30

Q.35 :- A trader sold an article at 12% loss . Had he sold the article for Rs. 109.20 more, he would have earned a profit of 30% .What would be the selling price of the article if the article is sold at 40% profit ?

एक व्यापारी ने एक वस्तु को 12% हानि पर बेचा। यदि उसने वस्तु को रु. 109 .20 अधिक, वह 30% का लाभ अर्जित करता। यदि वस्तु को 40% लाभ पर बेचा जाता है तो वस्तु का विक्रय मूल्य क्या होगा?

(A)364

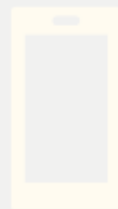
(B)392

(C)350

(D) 332

(E) None of these

0:30





What value should come in the place of question mark(?) in the following questions.

$$2.8\% \text{ of } 2580 + 16\% \text{ of } 685 = ?$$

- (A) 179.44 (B) 174.26 (C) 189.66 (D) 181.84 (E) None of these





What value should come in the place of question mark(?)in the following questions.

$$5376 \div 24 \times 13 - 703 = ?^2$$

- (A) 45 (B) 47 (C) 46 (D) 48 (E) None of these





What value should come in the place of question mark(?) in the following questions.

$$185 \% \text{ of } 500 - 46\% \text{ of } 1650 = 5 \times ?$$

- (A) 31.1 (B) 33.2 (C) 34.9 (D) 30.7 (E) None of these





What value should come in the place of question mark(?)in the following questions.

$$\sqrt[3]{157464} \div \sqrt{324} = ?$$

- (A)27 (B) 15 (C)8 (D)29 (E)None of these





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What value should come in the place of question mark(?) in the following questions.

$$18^2 - 37.5\% \text{ of } 420 = ?$$

- (A) 153.25 (B) 162.5 (C) 169.75 (D) 166.5 (E) None of these



Class Time :- 9:00 AM



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What value should come in the place of question mark(?) in the following questions.

$$25\% \text{ of } 84 \times 24\% \text{ of } 85 = ?$$

- (A) 424.2 (B) 488.4 (C) 428.4 (D) 482.8 (E) None of these



Class Time :- 9:00 AM



What value should come in the place of question mark(?)in the following questions.

$$123 \times 12 - 140 \% \text{ of } 800 = ?$$

(A)345

(B)376

(C)366

(D)356

(E)None of these





What value should come in the place of question mark(?)in the following questions.

$$125\% \text{ of } 900 + 24\% \text{ of } 900 = ?$$

- (A)1341 (B) 1241 (C)1441 (D)1141 (E)None of these**





What value should come in the place of question mark(?) in the following questions.

$$\sqrt{1156} \times \sqrt[3]{2197} - 15^2 = ? + 11^2$$

- (A) 74 (B) 94 (C) 85 (D) 103 (E) None of these





What value should come in the place of question mark(?)in the following questions.

$$28^2 - 87.5 \% \text{ of } 440 = ?$$

(A)379

(B)384

(C) 419

(D)399

(E)None of these





What should come at place of the question mark (?) in the following number series ?

11 . 18 , 35 , 68 , 132 , 256 , ?

(A)512

(B)504

(C)256

(D) 399

(E)496





What should come at place of the question mark (?) in the following number series ?

12 . 492 , 128 , 36 , 12 , 5 , ?

(A) 2.5

(B) 2.25

(C) 1.25

(D) 3.75

(E) 4

0:30



What should come at place of the question mark (?) in the following number series ?

13 . 5921 , 6025 , 6150 , 6298 , 6471 , ?

(A)6671

(B)6590

(C)6675

(D)6699

(E)6681





What should come at place of the question mark (?) in the following number series ?

14 . 1.2 , 4.4 . , 16.2 , 68.8 , 349 , ?

(A)800

(B)1500

(C)2000

(D)2100

(E)1600





What should come at place of the question mark (?) in the following number series ?

15 . 22 , 35 , 74 , 139 , 230 , ?

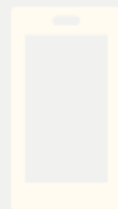
(A)350

(B)347

(C)405

(D)380

(E) 396



Directions (Q. 16-20):- Read the following information carefully to answer the questions asked Following table gives information total bikes and cars manufactured and exported to other countries from year 2014 to 2018 in India.

निम्नलिखित जानकारी को ध्यान से पढ़ें पूछे गए प्रश्नों के उत्तर दें निम्नलिखित तालिका भारत में वर्ष 2014 से 2018 तक अन्य देशों में निर्मित और निर्यात की गई कुल बाइक और कारों की जानकारी देती है।

Year	Bikes		Cars	
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



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Q.16 :- In the given time period total cars manufactured are what percent of total bikes manufactured ?

दी गई समयावधि में निर्मित कुल कारें निर्मित कुल बाइक का कितना प्रतिशत है?

(A) 45 $\frac{5}{11}$ %

(B) 45 $\frac{5}{9}$ %

(C) 47 $\frac{3}{7}$ %

(D) 48 $\frac{5}{9}$ %

(E) None of these

0:30

Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



Q.17 :- Find the ratio of total bikes exported in 2017 to total cars manufactured in 2015.

2017 में निर्यात की गई कुल बाइकों का 2015 में निर्मित कुल कारों से अनुपात ज्ञात कीजिए।

(A) 275 : 313

(B) 308 : 475

(C) 156 : 231

(D) 411 : 732

(E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%

Q.18 :-What is the average number of vehicles (bikes + cars) manufactured from 2015 to 2018 ?

2015 से 2018 तक निर्मित वाहनों (बाइक + कार) की औसत संख्या क्या है?

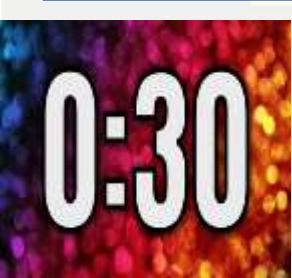
(A)346500

(B)412500

(C)431000

(D)389500

(E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%

Q.19 :-In 2017 approximately what percent of vehicles (bikes + cars) were consumed in India?

2017 में भारत में लगभग कितने प्रतिशत वाहनों (बाइक + कार) की खपत हुई?

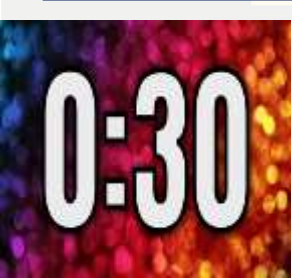
(A)56%

(B)44%

(C)48%

(D)60%

(E)64%



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



Q.20 :- Find the difference of total exported bikes and cars in year 2016 .

वर्ष 2016 में निर्यात की गई कुल बाइक और कारों का अंतर ज्ञात कीजिए।

(A) 71380

(B) 80520

(C) 73860

(D) 72340

(E) None of these



Year				
	Total bikes manufactured (in 000)	Percentage of bike exported	Total cars manufactured (in 000)	Percentage of car exported
2014	194	72%	72	82%
2015	205	60%	114	76%
2016	289	55%	127	67%
2017	264	28%	115	55%
2018	302	37.5%	142	42%



Direction (31 to 35):- In each question two equations numbered (I) and (II) are given. You have to solve both the equations and mark appropriate answer.

- (a) If $x > y$**
- (b) If $x < y$**
- (c) If $x \geq y$**
- (d) If $x \leq y$**
- (e) $x = y$ or no relation can be established**



Q.31 :-

I. $x^2 - 3x + 2 = 0$

II. $2y^2 + 3y - 2 = 0$

Q.32 :-

I. $2x^2 - 5x - 3 = 0$

II. $y^2 - 10y + 21 = 0$

Q.33 :-

I. $x^2 + 9x + 14 = 0$

II. $2y^2 - 10y + 12 = 0$

Q.34 :-

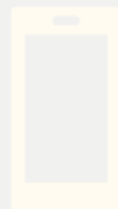
I. $x^2 - 2x - 35 = 0$

II. $y^2 - 12y + 32 = 0$

Q.35 :-

I. $x^2 + 10x + 21 = 0$

II. $y^2 - 2y - 8 = 0$





THANKS





THANKS

