13 September 2023 08:30

On a Big Billion day sale ,Google flagship mobile phone was available at a discount of 20% on Flipkart. The customers who are purchasing for the first time on Flipkart will get additional cashback of 10% on the billing amount. Suraj being 1st time user of Flipkart purchases the mobile phone for Rs. 36000 find the actual cost price of the mobile phone.

A Rs. 50000	1002 107. = 907.
B Rs. 45000	72%x = 36000
C Rs. 52250	2 = 36000 x \$00
D Rs. 47250	= 50000
E None of these	

100/. x - 20%. x

original price = x

Price after 1st discount

= 80%. x = y:

Price after carlback

= 90by = 90%. x 80%. x

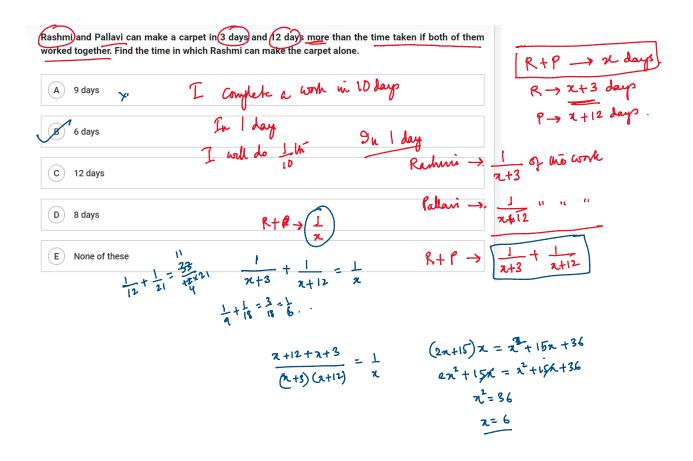
= 90 x 89%. x

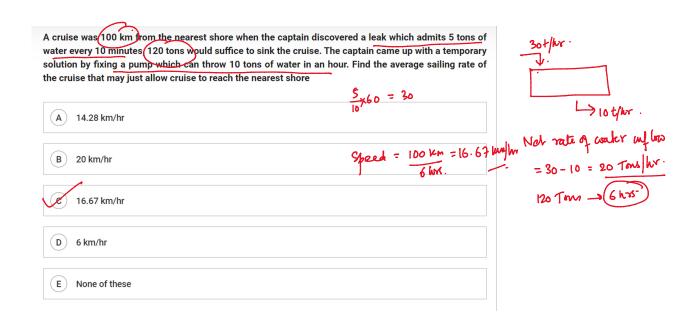
= 72%. x

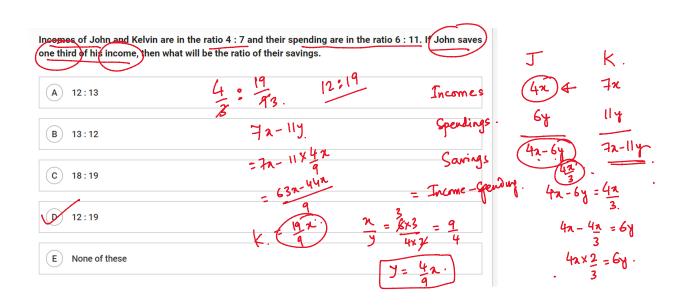
Cost of a pen , marker and sharpener is rupees 15, 18 and 5 respectively. To increase his sales the shopkeeper sells sets of 5 pens and 3 markers for Rs. 100 Find the amount paid by the customer if he buys 15 pens, 10 marker and 2 sharpeners.

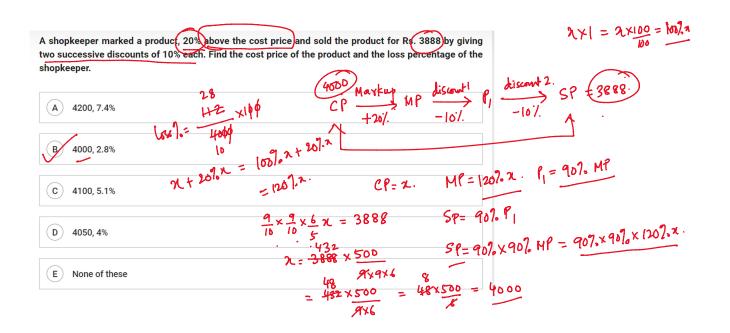
A Rs. 378		
B Rs. 356		
Rs. 328		
D Rs. 367		
E None of these		

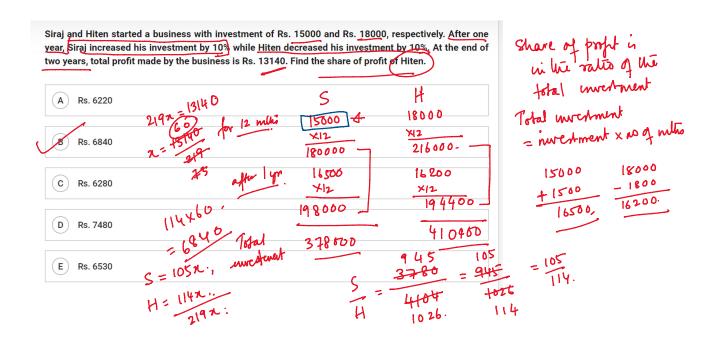
5 Pens + 3 marker = 100 15 Pens + 9 | = 300 / 1 marker = 18 / 2 Sharpners = 10 / 328

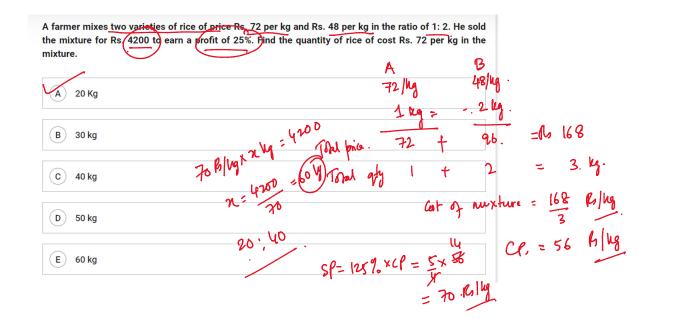












A man deposited 'x'% of his monthly salary which is Rs. 60000 at 13% simple interest. If the accumulated amount for the sum deposited after 3 years was Rs. 29190, then find the value of 'x'.

A 40	P= 2 60099
B 35	= 600n.
C 45	A-P+I 0190
D 50	R=P+I 600x+234x = 29190 834x = 29190.
E None of these	29100 21000 n =

Salang = 60000 / mlh. P= 27.0 x 60000 / mlh.

$$T = \frac{9RT}{100} = \frac{27.260066 \times 13 \times 3}{160}.$$

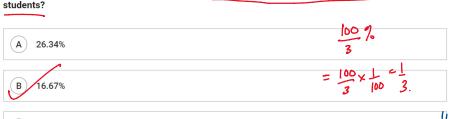
$$= \frac{21.260066 \times 13 \times 3}{100}$$

$$= \frac{21.260066 \times 39}{100}.$$

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Out of total students 100/3 % are in hostel A and remaining are in hostel B. If 20 students from hostel B are shifted to hostel A, then total students in hostel A becomes 50% of total students. If 20 students from hostel A are shifted to hostel B, then the total students in hostel A becomes what per cent of total students?



 $\frac{2}{3} = 40$ $\frac{2}{3} \times 40^{-20}$ $\frac{2}{3} \times 40^{-20}$ $\frac{2}{3} \times 20^{-20}$ $\frac{2}{3} \times 20^{-20}$ $\frac{2}{3} \times 20^{-20}$ $\frac{2}{3} \times 20^{-20}$ $\frac{2}{3} \times 20^{-20}$

That = x.

C 12.75%

20 × 100 = 16.67%

\smile	=507, A.
C 12.75%	20 ×100 = 16.67%
D 20.67%	$\frac{1}{3} + \frac{20}{2}$
E None of these	$\frac{2}{2} - \frac{2}{3} = 20 \frac{2}{6} = 20$

3 workers Peroola, Rahul and Prashant can complete a piece of work in 6 days. Peroola takes 15 days less than Rahul to complete the same work. Find in how many days will Prashant complete the whole work alone with 75% of his original efficiency, if Rahul can complete the work alone in 35 days?

A	$\frac{560}{37}$ days				

(A) 14.44
B 17.54
© 15.48
D 16
E None of these
Three friends A, B, and C started a business and invested in the ratio of 8: 6: 15. At the end of one year out of the total profit ofRs. 6000, A's share was Rs. 2000 which was Rs. 500 more than that of B's share. Find the ratio of time for which they had contributed their capitals?
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The present average age of a group of 60 athletes is 50% more than the average age of the 60 athletes 5 years ago. The average age of the group will become Y, if two new athletes of 22 year and 38 years join

the group. Find the value of Y.

What i	s be the area of the circle (in sq. cm)?
(A)	144π
В	36π
C	225π
D	81π
E	None of these
upstrea B. If the	otorboats A and B, start simultaneously from the two ends P and Q of a river in downstream and am respectively. The speed of the motorboat A in still water is 200% more than that of motorboat e distance between P and Q is 120 Km and they meet each other after 5 hours then how long the oat A will take to travel 90 km in still water?
A	6 hours
В	5 hours
C	8 hours
D	None of these
E	Can't be determined

The ratio of length of each equal side to third side of an isosceles triangle is 5:6. If the area of the isosceles triangle is 108 sq. cm and the third side of the triangle is equal to the diameter of a circle.

received by any one of them. What is the sum of highest number of chocolates received by any one of them and the lowest number of chocolates received by any one of them?

A 50

B 60

C 40

D 70

E None of these

Tenali Ram purchased 150 chocolates for his 5 grandsons and distributed the chocolates in such a way that the number of chocolates received by each grandson is in arithmetic progression. The highest number of chocolates received by any one of them is 28 more than the lowest number of chocolates

4	72
В	60
C	64
D	50
E	None of these
urs, e rat	3 start swimming simultaneously towards each other from the point P and Q respectively. After 12 they meet each other after that A takes 6 hours 40 minutes more to reach the point Q . What is o of the speed of A in still water to that of the speed of stream if it is given that the direction of the river is from point P to Q and in still water the ratio of the speed of A to that of B is 7 : 5?
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Vicky invited some of his friends for a party. 20% of them came by car and 40% of the remaining came by Bike. The number of friends who came by bus is 50% more than that by car and if 36 friends came by