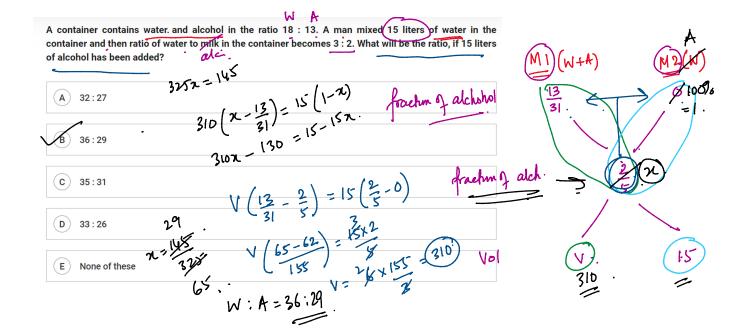
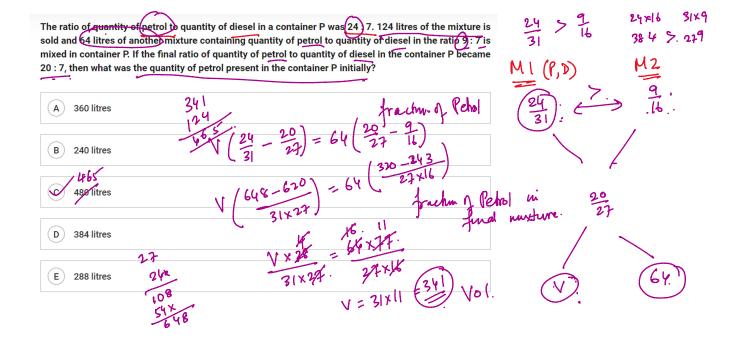
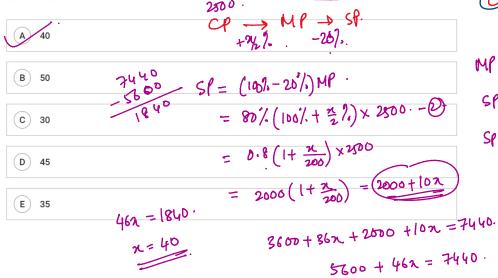
		ld at 36% discount, then there would have	Profit les
of article.	Sp= 70% X 1,625 C	 .	MP. discourt
A Rs. 2940		discount of 50%	Port / loca 9.
B Rs. 2520		ce beens = (100, 36%) = 64% MI	y=30%.
C Rs. 2800	sp=0.741.625x6	SP = 647-x 1.625 x C = loss = CP - SP.	36% -> loss = 240. MP = (100%+62-5%) CP.
D Rs. 2100	= 68 X	0.04 C = 240.	SP . (UR = 1.625 x C)
None of these		c = 600°	Ce = C (Mr = 1.623 x 5)





Ranjeev bought a book at Rs. 4000. He marked it up by 'x'% above the cost price and then sold it at a discount of 10%. Raman also beught a book at Rs. 2500 and marked it up by 'x/2'% above cost price and then sold it at a discount of 20%. If the sum of the selling prices of the two books was Rs. 7440, then find the value of 'x'.





$$MP = (1007. + 27.) C$$

$$SP = (100/. - 10/.) MP$$

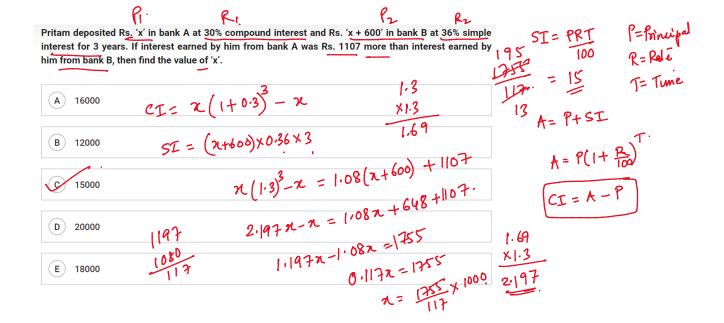
$$SP = 90/. (100/. + 2/.) C$$

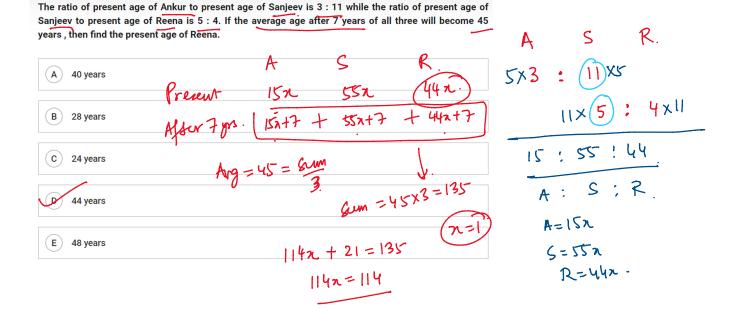
$$= 90/. (100/. + 2/.) \times 4000$$

$$= 0.9 (1 + \frac{20}{100}) \times 4000$$

$$= 3600 (1 + \frac{2}{100})$$

$$= 3600 + 362$$





	e article was Rs. 'x' nore than the cost price of the article value of 'x'.		Markey Licent. HP Licent. SP. Quootn 252 2880.
A 1200	SP= (1007 25%) HP	2400	+72 2400+19 2800
B 1500	= 75% × MP		£267.
C 1800	$=\frac{3}{4}\times(2400+2)$		SP= (100%+20%) CP
D 1600	Ч		= 1.2×2400 = 2880

Deepak and Sanjay together started a business with investments of Rs. 16400 and Rs. 18200, respectively. After a year, Deepak increased his investment by 15% while Sanjay decreased his investment by 5%. If the profit at the end of two years was Rs. 84900, then find the share of Deepak?

E 2000

E Rs. 42560

(A)	Rs. 42840
(B)	Rs. 42312
c	Rs. 42236
D	Rs. 42752

(A)	9 13
В	8 17
С	7 12
D	5 9
E	4/13
750 cn	io of curved surface area of a cone and a cylinder is 13:10. Total surface area of the cylinder is n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3)
750 cn	n ² and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the
750 cm volume	n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3)
750 cm volume	n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3) 2800 cm^3
750 cm volume	n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3) 2800 cm^3 2480 cm^3
A B	n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3) 2800 cm^3 2480 cm^3 2400 cm^3
A B D	n^2 and radius of the cone is 10 cm. If radius of cone is 2 times that of cylinder then find the of cone.(take π = 3) 2800 cm^3 2480 cm^3 2400 cm^3 2700 cm^3

A bag contains 6 red, 4 black and 3 yellow balls. Salim picks 2 balls at random from the bag. What will be the probability that both balls are of same colour?

tianis.	
A	40 km/h
В	50 km/h
C	60 km/h
D	30 km/h
E	80 km/h
	ember jury is to be selected from a group of 9 male and 7 females. In how many ways will the jury at most 3 females and at least 4 males be selected?
having	at most 3 females and at least 4 males be selected?
A	at most 3 females and at least 4 males be selected? 6435 ways
A B	6435 ways 6298 ways
A B C	6435 ways 6298 ways 6670 ways
A B C C	6435 ways 6298 ways 6670 ways
A B C C	6435 ways 6298 ways 6670 ways

Sampark Kranti express leaves Station A at 8:00 PM and 2 hours later another train Shatabdi express leaves Station A. Both the trains reach Station B at 1:00 AM. After reaching Station B, both trains off to Station C and Shatabdi express takes 96 minutes less than Sampark Kranti express to reach Station C. If distance between Station C to Station B is 300 km then find the difference between speed of both

	n together can complete the whole work in 8 days and Arvind and Bablu together complete the $4.8\mathrm{days}$. If Chandan is 50% efficient than that of Bablu, then find the value of 'x'.
A	16
В	20
C	8
D	10
E	15
The cur	n of the present age of A and B is 55 years and that of C and D is 80 years. Five years ago, the
ratio of	A's age to C's age was 5: 8. Five years hence B's age becomes equal to that of A's present age. ars hence, what will be the sum of the age of A, B, C and D?
A	142 years
В	143 years
С	156 years
D	138 years

E None of these

Arvind alone can do a piece of work in \dot{x} days, while Bablu can do the same work in \dot{y} days. Bablu and

<u>A</u>) I	Rs. 8400
В	Rs. 7800
C) I	Rs. 8100
D) I	Rs. 9000
E I	None of these
r hour d of 1	r and at the same time Train Q leaves from Patna for Delhi at speed of (x + 9) km per hour. At t 2 hours, they meet each other then find the speed of the train Q?
er hour	r and at the same time Train Q leaves from Patna for Delhi at speed of (x + 9) km per hour. At the 2 hours, they meet each other then find the speed of the train Q? 23 km per hour
er hour	
A :	r and at the same time Train Q leaves from Patna for Delhi at speed of (x + 9) km per hour. At the 2 hours, they meet each other then find the speed of the train Q? 23 km per hour
A :	r and at the same time Train Q leaves from Patna for Delhi at speed of (x + 9) km per hour. At the 2 hours, they meet each other then find the speed of the train Q? 23 km per hour 25 km per hour

Three friends A, B, and C entered into a business. The ratio of there respective investments was 4:5:6. At the end of 4 months from the starting A withdraws 25% of his initial investment but C puts 50% more of his initial investment. At the end of one year, B's share in total profit was Rs. 15000 then find the

4	32400
3)	34200
c	27000
D	30600
E)	None of these
d 5 uch	pare Tea, Ranjita mixes water to milk in the ratio of 1 : 1. Initially, she had only 100 ml of pure m litres of a separate solution of milk and water in which the quantity of milk was 30%. Find ho quantity from the separate solution be mixed with 100 ml of pure milk to get the desired ratio nd water to prepare tea.
ıd 5 uch	litres of a separate solution of milk and water in which the quantity of milk was 30%. Find he quantity from the separate solution be mixed with 100 ml of pure milk to get the desired ratio
d 5 uch ilk a	litres of a separate solution of milk and water in which the quantity of milk was 30%. Find he quantity from the separate solution be mixed with 100 ml of pure milk to get the desired rationd water to prepare tea.
nd 5 uch ilk a	litres of a separate solution of milk and water in which the quantity of milk was 30%. Find he quantity from the separate solution be mixed with 100 ml of pure milk to get the desired rational water to prepare tea. 25 ml
nd 5 uch ilk a	litres of a separate solution of milk and water in which the quantity of milk was 30%. Find he quantity from the separate solution be mixed with 100 ml of pure milk to get the desired rational water to prepare tea. 25 ml
and 5 nuch ilk a	litres of a separate solution of milk and water in which the quantity of milk was 30%. Find he quantity from the separate solution be mixed with 100 ml of pure milk to get the desired rational water to prepare tea. 25 ml 250 ml

Pipes A and B together can fill a water tank in 18 hours, pipes B and C together can fill the same tank in 20 hours, and pipes A and C together can fill the same tank in 12 hours. If all the three pipes A, B, and C

Rs. 3275					
Rs. 3325					
Rs. 3450					
Rs. 3375					
None of these					
llage, out of the tota	l population 40% pec	ple were employ	ed and the rest w	ere unemployed	. At the
f 4 years, when the p	l population 40% pec population of the villa w much percentage	age is increased	by 20%, the numb	er of employed	
f 4 years, when the parme as before. By ho	oopulation of the vill	age is increased	by 20%, the numb	er of employed	
f 4 years, when the p	oopulation of the vill	age is increased	by 20%, the numb	er of employed	
4 years, when the parme as before. By ho	oopulation of the vill	age is increased	by 20%, the numb	er of employed	
5 4 years, when the pame as before. By ho	oopulation of the vill	age is increased	by 20%, the numb	er of employed	
5 4 years, when the pame as before. By ho	oopulation of the vill	age is increased	by 20%, the numb	per of employed	
f 4 years, when the pame as before. By ho	oopulation of the vill	age is increased	by 20%, the numb	per of employed	
54 years, when the pame as before. By ho 50% 60% 37.5% 33.33%	oopulation of the vill	age is increased	by 20%, the numb	per of employed	
54 years, when the pame as before. By ho 50% 60% 37.5% 33.33%	oopulation of the vill	age is increased	by 20%, the numb	per of employed	

either	all are men or all are women?
(A)	7 110
В	14 110
C	7 220
D	5 110
E	None of these
	ber is drawn at random from first 100 natural numbers. What is the probability that the number is rime number?
ot a p	rime number?
A A	rime number?
A B	1
A B	1
A B C C	$\frac{1}{2}$ $\frac{1}{4}$ $\frac{6}{25}$ $\frac{3}{4}$
A B C C	$\frac{1}{2}$ $\frac{1}{4}$ $\frac{6}{25}$ $\frac{3}{4}$

From a group of 4 men, 5 women and 3 children, three persons go to a party. What is the probability that

A	8 hours
В	6 hours
C	9 hours
D	4.5 hours
E	None of these
ntrib nctly 50%	uted exactly 4 mangoes more than the number of boys in the group. If each boy had contributed 2 mangoes less than the number of boys in the group then the total number of mangoes would
ntrib actly 50% actly	uted exactly 4 mangoes more than the number of boys in the group. If each boy had contributed 2 mangoes less than the number of boys in the group then the total number of mangoes would less than the first case. Find how many mangoes they would have pooled if each boy contributed
ntrib netly 50% netly	uted exactly 4 mangoes more than the number of boys in the group. If each boy had contributed 2 mangoes less than the number of boys in the group then the total number of mangoes would less than the first case. Find how many mangoes they would have pooled if each boy contributed 2 mangoes more than the number of boys in the group?
ntrib netly 50% netly	uted exactly 4 mangoes more than the number of boys in the group. If each boy had contributed 2 mangoes less than the number of boys in the group then the total number of mangoes would less than the first case. Find how many mangoes they would have pooled if each boy contributed 2 mangoes more than the number of boys in the group?
ntrib netly 50% netly	uted exactly 4 mangoes more than the number of boys in the group. If each boy had contributed 2 mangoes less than the number of boys in the group then the total number of mangoes would less than the first case. Find how many mangoes they would have pooled if each boy contributed 2 mangoes more than the number of boys in the group? 48
ntrib actly 50%	48 24 120

9050. What was the share of ea	ch member?	
A Rs. 9350		
B Rs. 9680		
C Rs. 2337.50		
D Rs. 2420		
E None of these		

The average monthly income of five earning members of a family was Rs. 12850. One member passes away then the employer started paying 25% of his monthly salary to the family. If the earning members of the family divided equally that money among themselves then after adding that amount with their monthly income, the average monthly income of remaining four members of the family become Rs.

A merchant fixes the selling price of an article Rs. 1260 after adding 20% profit on the cost price. As sales were very low at this price, he decided to issue a gift card free of cost to every customer which will give 10% cashback of total shopping amount. If the cost of each card was Rs. 10 then how much profit the merchant made on each article after giving 10% cashback and adding the cost of gift card on that cashback?

