



**THINK BIGGER**

**TCS - 2025**  
**PERCENTAGE,**  
**PROFIT & LOSS**





$2m = n\%$  of  $p$  ,  $2p = n\%$  more than  $m$  . Find  $n$ ?



A number increased by 2 causes 21 % increase in its square.  
find the number.



1% of 49 is what percentage of the number?



3 % of a number is what is percentage of 4 % of a number?



If the numerator of a certain fractions increased by 100% and the denominator is increased by 200%; the new fraction thus formed is  $\frac{4}{21}$ . What is the original fraction?

- a)  $\frac{2}{7}$
- b)  $\frac{3}{7}$
- c)  $\frac{2}{5}$
- d)  $\frac{4}{7}$



The difference between 65% of a number and 25% of the same number is 8000. What is 75% of that number?

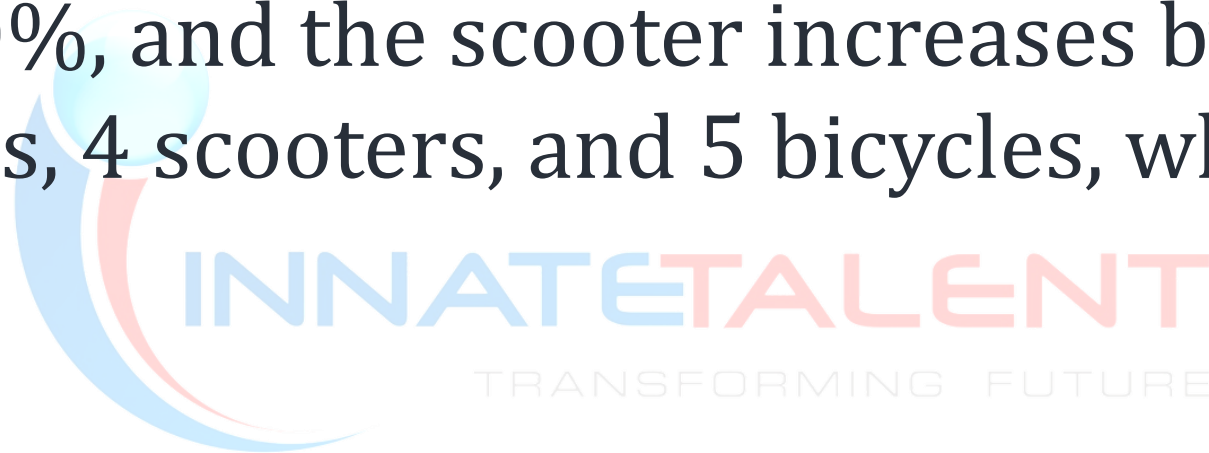
- a) 15000
- b) 15850
- c) 14580
- d) 14500



If jeep 200 % more than bike, bike remains constant, bike 100 % more than bicycle, jeep decrease by 50 %,bike 20 %increase, if they are selling 2 jeep,3 bike & 4 bike . What is net difference



If a car is 150% more than a scooter, the scooter remains constant, the scooter is 50% more than a bicycle, the car decreases by 30%, and the scooter increases by 10%. If they are selling 3 cars, 4 scooters, and 5 bicycles, what is the net difference?



A article is increased by 5 % and decreased by 10 % ,again increased by 15 % and again decreased by 20 % find the overall percentage

- a) Decrease 13 %
- b) Increase 13 %
- c) No change
- d) Increase 14 %



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- b) Increase 13 %
- c) No change
- d) Increase 14 %



Ravi got 120 marks in Physics, 110 marks in Chemistry, 105 marks in Biology, 130 marks in Maths, and 90 marks in English. If the maximum marks of each subject are equal and if Ravi scored 85% marks in all the subjects together, what is the maximum marks of each subject?

- a) 131
- b) 130
- c) 125
- d) 115



In a town, three newspapers X, Y, and Z are published. 40% of the people in that town read X, 60% read Y, 50% read Z, 25% read X and Y, 20% read Y and Z, 30% read X and Z, and 10% do not read any paper. Find the percentage of the population of the town that reads all three newspapers.

- a) 10 %
- b) 15 %
- c) 5 %
- d) 20 %



If 75 % of a class answered the first question on a certain test correctly, 55 percent answered the second question on the test correctly, and 20 percent answered neither of the questions correctly, what percentage answered both correctly?

- a) 40 %
- b) 50 %
- c) 45 %
- d) 55 %



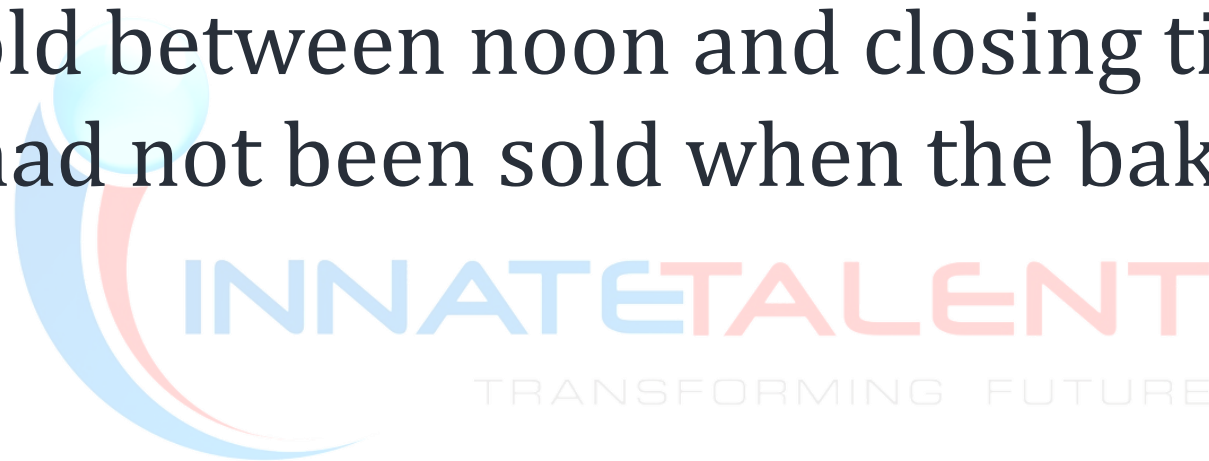
In a horticultural study, 180 seeds were planted in plot X and 220 were planted in plot Y. If 55% of the seeds in plot X germinated and 45% of the seeds in plot Y germinated, what percent of the total number of planted seeds germinated?

- a) 48.5 %
- a) 50 %
- b) 49.5 %
- c) 48 %



A bakery opened with its daily supply of 60 dozen muffins. Half of the muffins were sold by noon and 70% of the remaining muffins were sold between noon and closing time. How many dozen muffins had not been sold when the bakery closed?

- a) 4
- b) 12
- c) 8
- d) 9





**PROFIT & LOSS**  
**AND**  
**DISCOUNT**

INNATE TALENT  
TRANSFORMING FUTURE



A shopkeeper gives discount of 15 % and had loss of Rs.250  
find the selling price.



The person bought machine for Rs.10000 and repair for Rs.5000 .after 3 years he sells machine Rs.15000,then person overall gain/loss



A man bought rings for \$25, he sold 1 ring for \$ 3, 2 ring for \$6 and 3 ring for \$9 . What will be minimum number of rings he need to sell in order to get 35 % profit

- a) 12
- b) 15
- c) 16
- d) 13



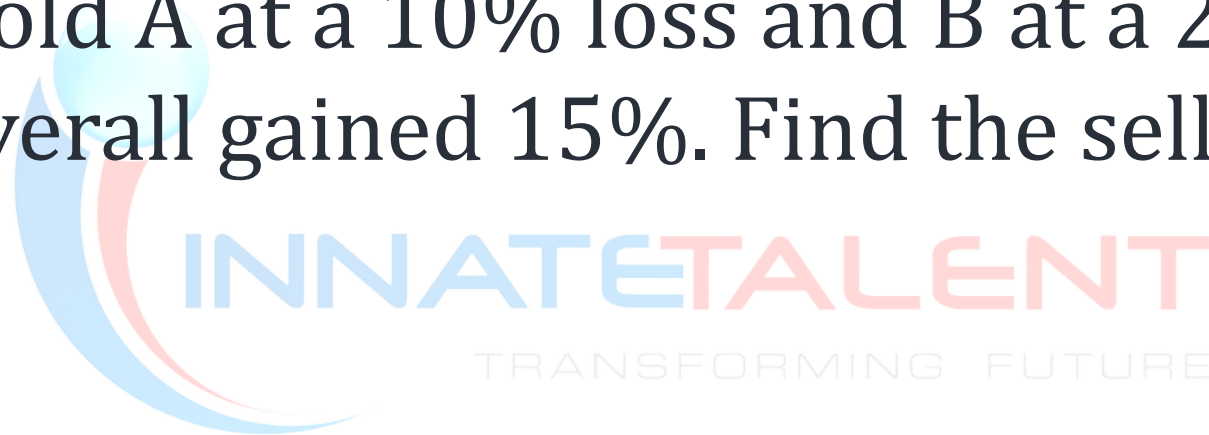
A woman bought bracelets for \$40. She sold 1 bracelet for \$5, 2 bracelets for \$10, and 3 bracelets for \$15. What will be the minimum number of bracelets she needs to sell in order to get a 25% profit?

- a) 15
- b) 10
- c) 12
- d) 16



A man bought item A for \$500 and item B for \$600. He intended to sell A at a 20% profit and B at a 10% loss. However, he mistakenly sold A at a 10% loss and B at a 20% gain. He found that he overall gained 15%. Find the selling prices.

- a) 1540
- b) 1170
- c) 1100
- d) None of these



A person sold a land for 150000 as 20 % profit. If he got 30 % profit means, what is difference between of cost and selling price.



A selling price of an object is Rs.16200 and its loss is 10 % .  
What is selling price of an object when its project is 11 %?



The marked price of a coat was 40% less than the suggested retail price. Eesha purchased the coat for half the marked price at the fiftieth anniversary sale. What percentage less than the suggested retail price did Eesha pay?

- a) 60
- b) 20
- c) 70
- d) 30



A cow and horse are bought for Rs.2,00,000. The cow is sold at a profit of 20% and the horse is sold at a loss of 10%. The overall gain is Rs.4000, the Cost price of cow?

- a) 130000
- b) 80000
- c) 70000
- d) 120000



A dealer originally bought 200 identical light bulbs at a total cost of  $p$  rupees. If each light bulb was sold at 25 percent above the original cost per light bulb, then, in terms of  $p$ , for how many rupees was each light bulb sold?

- a)  $5q/200$
- b)  $5q/800$
- c)  $3q/200$
- d)  $3q/800$



A merchant bought 30 kg of rice at price  $Y$  per kg. After a while, one fourth of the stock got spoiled, so he sold the rest for \$150 per kg and made a total profit of 50% of the cost. What must be the price of  $Y$ ?

- a) 75
- b) 70
- c) 44
- d) 50



A book was sold by the seller after giving a discount of 20% for Rs.160. What is the cost price of the book, if the ratio of marked price to cost price is 4:5?

- a) Rs.210
- b) Rs.240
- c) Rs.250
- d) None of these



If the profit earned on selling an article for Rs.2400 is 75% of the loss incurred on selling the same article for Rs.1700, then find the selling price of the article, if it was sold at a profit of 20%?

- a) Rs.2540
- b) Rs.2580
- c) Rs.2590
- d) Rs.2520



Three successive discounts of 20% each on the marked price of an item are together equivalent to a single discount (correct up to 2 decimal places) of:

- a) 48.08 %
- b) 46.08 %
- c) 48.80 %
- d) 50.80 %



A shopkeeper sold 10 jackets for Rs. 5,000. He suffered a loss of Rs. 500. What is the cost price of each jacket?

- a) Rs.550
- b) Rs.540
- c) Rs.500
- d) Rs.560



# DIFFERENTIATE

# "YOURSELF"

# FROM OTHERS !!



# INNATETALENT

TRANSFORMING FUTURE