

Board – ICSE

Class –VIII

Topic – Profit, Loss and Discount

1. Find the gain or loss per cent when: CP = Rs. 80 and SP = Rs. 76.80
2. Find the selling price when: CP = Rs. 645 and loss% =  $13\frac{1}{3}\%$
3. Manoj purchased an old car for Rs. 73500. He spent Rs. 10300 on repairs and paid Rs. 2600 for its insurance. Then he sold it to a mechanic for Rs. 84240. What was his percentage gain or loss?
4. A shopkeeper buys scientific calculators in bulk for Rs. 15 each. He sells them for Rs. 40 each. Calculate the profit on each calculator in rupees, and as a percentage of the cost price.
5. If the cost price of a book is Rs. 150 and selling price is 137.50, then calculate the loss and percentage loss on the book?
6. Henry sold a bicycle at 8% gain. Had it been sold for Rs 75 more, the gain would have been 14%. Find the cost price of the bicycle.
7. Ram sells two Mobile phones for Rs. 1000 each, one at a profit of 10% and other at a loss of 10%. Find his gain or loss percentage.
8. If the C.P. of 15 tables be equal to the S.P. of 20 tables, find the loss per cent
9. The marked price of a ceiling fan is \$ 1250 and the shopkeeper allows a discount of 6% on it. Find the selling price of the fan.
10. A dealer purchased a washing machine for Rs 7660. He allows a discount of 12% on its marked price and still gains 10%. Find the marked price of the machine.
11. How much per cent above the cost price should a shopkeeper mark his goods so that after allowing a discount of 10% on the marked price, he gains 8%?
12. Find the single discount equivalent to two successive discounts of 20% and 10%.

### Answer

1. Loss = 4%
2. Rs.559
3. Loss =  $2\frac{1}{2}\%$
4. Profit =Rs 25 and profit percentage 166.7%
5. Loss =Rs 12.50 and loss percentage 8.33%
6. CP= Rs 1250
7. 1%
8. Loss = 25%
9. Selling price \$ 1175.
10. Marked price Rs. 9575
11. 20%
12. Single discount equivalent to given successive discounts= 28%