

PERCENTAGE, PROFIT & LOSS

1. The profit obtained by selling an article for Rs 480 is twice the loss obtained by selling for Rs 300. What is the cost price of the article?
2. On selling an article for Rs 1020, a merchant loses 15%. For how much price should he sell the article to gain 12% on it?
3. A sell a camera to B at a profit of 20% and B sells it to C at a profit of 25%. If C pays Rs 450, what price did A pay for the camera?
4. A watch was sold at a loss of 10%. If it was sold for Rs.140 more, there would have been a gain of 4%. What is the cost price?
5. A trader bought a car at 20% discount on its original price. He sold it at a 40% increase on the price he bought it. What percent of profit did he make on the original price?
6. A dishonest dealer professes to sell his goods at Cost Price but still gets 20% profit by using a false weight. What weight does he substitute for a kilogram?
7. The C.P of 15 books is equal to the S.P of 18 books. Find his gain% or loss%?
8. The cost price of 13 articles is equal to the selling price of 11 articles. Find the profit percent?
9. A merchant sold an article at 10% loss. If he had sold it Rs 450 more, 8% would have been gained on the cost price. Find the cost price?
10. A reduction of 20% in the price of salt enables a lady to obtain 10kgs more for Rs.100, find the original price per kg?
11. Some articles were bought at 6 articles for Rs. 5 and sold at 5 articles for Rs. 6. Gain percent is?
12. A supplier supplies cartridges to a newspaper publishing house. He earns a profit of 20% by selling cartridges for Rs. 540. Find the cost price of the Cartridges?
13. In an election winning candidate won by 15% votes. if a total of 5000 votes were cast of which only 86% are eligible. then how many votes did the winning candidate get??
a)2300 b)1800 c)2000 d)4000
14. In a scheme, a pack of three soaps with MRP Rs.45 is available for Rs.42. If it still gives a profit of 5% to the shopkeeper, then the cost price of the pack is:
a) Rs.40 b) Rs.37 c) Rs.41 d) Rs.35

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15. Atul bought a machine for Rs. 4, 50, 000 and sold it to Irfan at a profit. Irfan later sold the machine to Danish at a loss of 10% for Rs. 4, 98, 000. The profit earned by Atul is:
a) 23% b) 21% c) 25% d) 22.22%
16. A book store offers a 10% discount on all the books sold plus an additional discount of 5% on the total bill, if the total bill after the initial discount is more than or equal to Rs.1000. Dilshan bought 3 books worth Rs.450, Rs.520 and Rs.250 respectively. How much money was Dilshan able to save as a result of the various discounts offered by the store?
a) Rs. 102 b) 176.9 c) Rs.61 d) Rs.183
17. A man sells 12 candles for Rs.12 & loses Rs.2.40. If he sells 12 candles for Rs.16 how much does he gain or lose?
a) Gains Rs.4 b) Loses Rs.6 c) Gains Rs.6.40 d) Loses Rs.1.60
e) Gains Rs.1.60
18. A vendor bought 15 oranges at Rs. 36 for 5 Oranges and sold all of them at four oranges for Rs. 45. How much did the vendor earn or lose in this transaction?
a) Loses Rs. 4.05 per orange. b) Gains Rs. 4.05 per orange. c) Gains Rs. 60 overall
d) Loses Rs. 5.06 per orange. e) Gains Rs. 75.90 overall.
19. In an examination involving quantitative aptitude and logical reasoning, 65% examinees cleared quantitative aptitude test while 70% cleared logical reasoning test. If 50% examinees passed both the tests, then how many failed in both tests?
a) 35% b) 15% c) 30% d) 20%
20. When 40 is subtracted from 50% of a number, the result is 50% of 500. Find one-tenth of the number?
a) 29 b) 58 c) 75 d) 87
21. The difference between a discount of 35% and two successive discounts of 20% and 20% on a certain bill was Rs.22. Find the amount of the bill.
a) None of these b) Rs. 1800 c) Rs. 1200 d) Rs. 2200
22. A store has a banner of 25% off on MRP of all branded items. Sheetal goes into the store and buys a belt worth Rs. 75, a shirt of Rs. 1,999 and a shawl of Rs. 2,900. How much amount will she have to pay?
a) Rs. 1243.50 b) Rs. 1240 c) Rs. 3,700 d) Rs. 3,730.50
23. Mythli purchased a walkman from her friend. She then sold it for Rs. 90. Had it been sold for Rs. 105, the gain would have been $\frac{1}{4}$ of the former loss. What is the cost of the walkman?
a) Rs. 82 b) Rs. 102 c) Rs. 114 d) Rs. 126
24. Rahul purchased 7 Dvds each of which costs Rs. 17. He gave a five hundred rupee note to the shopkeeper. The amount returned to him is divisible by:

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- a) 7 b) 9 c) 11 d) 3

25. A vendor bought 15 oranges at Rs.36 for 5 oranges and sold all of them at four oranges for Rs.45. How much did the vendor earn or lose in this transaction?
a) Profit of Rs. 75.90 overall b) Profit of Rs.60 overall
c) Profit of Rs.4.05 per orange d) None of these
26. The list price of an electric iron is Rs 300. If two successive discounts of 15% and 10% .sellingprice will be.
a) Rs. 229.50 b)Rs. 231.50 c) Rs. 232.50 d) Rs. 234.50
27. Which is better a successive discount of 40% and 30% or a discount of flat 70%?
a) Both are equivalent b) 40% and 30% c) 70% d) None of these
28. A flower seller purchases roses at Rs. 96 a dozen and sells them at Rs 10 per flower. What is the profit percent of the flower seller?
a) 0.4 b) 0.2 c) 0.25 d) 0.15
29. Mauli purchased a designer saree from Mumbai at 8/9th of its MRP, When she came back to Delhi, her neighbour coaxed Mauli to sell the saree to her. She was even ready to pay 9% more than Its MRP. What would Maull's gain percentage be, If she decides to sell the saree to her neighbour?
a)15.59% b) 16.61% c) 20.38% d)22.65%
30. Three marketers distribute their products in a colony for pilot testing. Marketer A distributes 150 Items to the people equally and then was left with a few items. Marketer B distributes 270 Items to the people equally and then was left with the same number of Items as the number left with Marketer A. Marketer C distributes 320 items to the people and is left with the same number of items as the number left with Marketer A. What is the maximum possible number of people in the colony?
a) 10 b) 50 c) 75 d) 100
31. A real estate developer purchased 2 acres of land for Rs. 1.5 crore. He divided it into 25 residential plots. He sold them at Rs. 25 lakhs per plot. What is his profit percentage?
a) About 200% b) About 100% c) About 366% d) About 316%
32. In a promotion sale a company sells a gymnasium kit consisting of a bag worth Rs.999 a towel worth Rs.299 a pair of shoes worth Rs.1999 a sipper worth Rs.199 for Rs.2999.what is the net saving for a buyer?
a) 0.14 b) 0.2 c) 0.1 d) 0.25
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34. A show room offers a 10% discount on a microwave, whose marked price is Rs.8000, and also gives a blender worth Rs.1200 as a complimentary gift with it. Even then, the showroom earns a profit of 20%. The cost price per microwave is:

- a) Rs.7200 b) Rs.6000 c) Rs.5000 d) Rs.4000

35. Every year before the festive season, a shopkeeper rise the price of the products by 35% and introduce two successive discounts 10% and 15% respectively. What is his loss or gain percentage?

- a) 3.27% loss b) 3.27% gain c) 8.875% loss d) 8.875% gain

36. A book store offers a 10% discount on all the books sold plus an additional discount of 5% on the total bill, if the total bill after the initial discount is more or equal to Rs.1000. Dilshan bought 3 books worth Rs.450, Rs.520 and Rs.250 respectively. How much money was Dilshan able to save as a result of various discounts offered by the store?

- a) 102 b) 76.9 c) 61 d) 183

37. Zegna car was in rage two years back and it cost Rs. 5, 60, 000 then. Now, however, with many new hi-tech cars coming into the market, the price of the car has dipped to Rs. 4, 00, 000. Find the decrease in price of the car as a percentage of the old price.

- a) 28% b) 28.57% c) 40% d) 71.42%



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