

PROBLEMS

1. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?

- a. Rs. 1090 b. Rs. 1160 c. Rs. 1190 d. Rs. 1202

2. A man bought a horse and a carriage for Rs. 3000. He sold the horse at a gain of 20% and the carriage at a loss of 10%, thereby gaining 2% on the whole. Find the cost of the horse. a. 2200

- b. 1800 c. 1000 d. 1200

e. None

3. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%? a. Rs.21,000 b. Rs.22,500

- c. Rs.25,300 d. Rs.25,800

4. A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss. percent is:

- a. 5.88 % loss

b. 5.88% gain

- c. 6.25 % gain d. None

5. Even after reducing the marked price of a transistor by Rs 32, a shopkeeper makes a profit of 15%. If the cost price be Rs 320,

what percentage of profit would he have made if he had sold the transistor at the marked price?

- d. 25% e. None of these

a. 15%

b. 10%

c. 20%

6. A trader has 50 kg of rice, a part of which he sells at 14% profit and rest at 6% loss. On the whole his loss is 4% What is the quantity sold at 14% profit and that at 6% loss?

- a. 5 and 45 kg d. 20 and 30 kg
b. 10 and 40 kg c. 15 and 35 kg e. None

7. A milkman purchases the milk at Rs. x per litre and sells it at Rs. $2x$ per litre still he mixes 2 litres water with every 6 litres of pure milk. What is the profit percentage?

- a. 116%
b. 166.66%
c. 60% d. 100%
e. None

8. If the cost price is 25% of selling price. Then what is the profit percent.

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A

a. 150% b. 200% c. 300% d. 350% e. None

9. With the money I have, I can buy 50 pens or 150 pencils. I kept 10% aside for taxi fare. With the remaining, I purchased 54 pencils and P pens. What is the value of P? a. 32 b. 30 c. 27 d. None of these

10. If the cost price of 12 pens is equal to the selling price of 8 pens, the gain percent is? a. 12% b. 30% c. 50% d. 60% e. None

11. The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is: a. 16 b. 19 c. 12 d. 22 e. None

12. The price of a jewel, passing through three hands, rises on the whole by 65%. If the first and second sellers earned 20% and 25% profit respectively, find the percentage profit earned by the third seller. b. 22% e. None a. 10% c. 18% d. 12%

13. A shopkeeper purchased 150 identical pieces of calculators at the rate of Rs 250 each. He spent an amount of Rs. 2500 on transport and packaging. He fixed the labeled price of each calculator at Rs 320. However, he decided to give a discount of 5% on the labeled price. What is the percentage profit earned by him? a. 14% b. 15% c. 16%

d. 25% e. None

14. A man buys oranges at Rs 5 a dozen and an equal number at Rs 4 a dozen. He sells them at Rs 5.50 a dozen and makes a profit of Rs 50. How many oranges does he buy?

a. 30 dozens b. 40 dozens c. 50 dozens d. 60 dozens

15. A Shopkeeper sells two articles at Rs. 1000 each, making a profit of 20% on the first article and a loss of 20% on the second article. Find the net Profit or loss that he makes?

b. 5%

d. 8%

e. None

a. 4%

c. 6%

16. Anil bought a T.V with 20% discount on the labeled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the T.V?

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140

a. 10%

b. 22% c. 18% d. 12% e. None

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14. A man buys oranges at Rs 5 a dozen and an equal number at Rs 4 a dozen. He sells them at Rs 5.50 a dozen and makes a profit of Rs 50. How many oranges does he buy?

a. 30 dozens b. 40 dozens c. 50 dozens d. 60 dozens

15. A Shopkeeper sells two articles at Rs.1000 each, making a profit of 20% on the first article and a loss of 20% on the second article. Find the net Profit or loss that he makes?

- a. 4% b. 5%
- c. 6%
- d. 8%
- e. None
- a. 16000
- b. 12000 c. 10000 d. Rs. 8000

17. A shopkeeper sells one-third of his goods at a profit of 10%, another one-third at a profit of 20%, and the rest at a loss of 6%. What is his overall profit percentage?

- a. 6%
- b. 8%
- c. 10%
- d. 12%
- e. None

18. Nani purchased 20 dozens of apples at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?

- a. 3.5% b. 4.5% c. 5.6% d. 6.5% e. None

19. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit? a.125% b.150% c.70%

- d. 95% e. None

20. At what percentage above the C.P must an article be marked so as to gain 52% after allowing a customer a discount of 5%?

16. Anil bought a TV with 20% discount on the labeled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the T.V?

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- a. 50%
- b. 45% c. 40% d. 60% e. None

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