MATHS

BOOKS - ICSE

PROFIT AND LOSS

Example

1. A shopkeeper bought a chair for Rs. 1440 and sold it for Rs. 1620. Find his gain or loss per cent.

2. A man bought an almirah for Rs. 18000 and spent Rs. 250 on transportation. He sold it for Rs. 19710. Find his gain per cent.

3. Rashmi bought a purse for Rs. 720 and sold it for Rs. 660. Find her loss or gain per cent.

4. Rajan bought a second hand scooter for Rs. 18000 and spent Rs. 1600 on its repair. Then, he had to sell it for Rs. 17640. Find his loss per cent.

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5. By selling a cow for Rs. 14250, a farmer suffers a loss of Rs. 750. Find his loss per cent.

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6. A fruit-seller buys oranges at the rate of 10 for Rs. 75 and sells them at 8 for Rs. 70. Find his gain or loss per cent.

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7. If the cost price of 8 pens is equal to the selling price of 6 pens, find the gain per cent.

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8. Deepak bought a watch for Rs. 1920. For how much should he sell it to gain 5%?

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9. Kamal bought a bicycle for Rs. 6500. He had to sell it at a loss of 6%. For how much did he sell it?

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10. Rohit sold a bat for Rs. 1400 at a gain of 12%. For how much did he purchase it?

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11. Mukesh sold a table for Rs. 1840 at a loss of 8%. At what price did he purchase it?

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12. On selling a fan for Rs. 1620, a shopkeeper losses 10%. For what amount should he sell it to gain 5%?

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13. A man sold two bicycles for Rs. 6000 each, gaining 20% on the one and losing 20% on the other. Find his gain or loss per cent on the whole transaction.

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1. Amit bought a calculator for Rs. 960 and sold it for Rs. 1104. Find his gain and gain per cent.

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2. Ankita bought a mobile phone for Rs. 2350 and sold it for Rs. 2538. Find her gain and gain per cent.

3. Ayush bought a bicycle for Rs. 6250 and had to sell it for Rs. 5875. Find his loss and loss per cent.

4. Aman bought a computer for Rs. 24000 and its accessories pack worth for Rs. 1750. He sold

it all for Rs. 26780. Find his gain and gain per cent.

5. A man bought a refrigerator for Rs. 35615 and paid Rs. 125 on its transportation. He sold it for Rs. 33953. Find his gain or loss per cent.

6. By selling a bicycle for Rs. 5670 a trader gains Rs. 270. Find his gain per cent.

[Hint: C.P. = (S.P.) - (Gain)]

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7. By selling a chair for Rs. 1410 a carpenter suffers a loss of Rs. 90. Find his loss per cent.

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8. A fruit-seller bought bananas at the rate of 3 for Rs. 8 and sold them at the rate of 2 for Rs. 7. Find his gain or loss per cent.

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9. Lemons are bought at the rate of 3 for Rs. 4. At what rate must they be sold to gain 20%?

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10. The selling price of 12 pens is equal to the cost price of 14 pens. Find the gain per cent.

11. The cost price of 12 oranges is equal to the selling price of 15 oranges. Find the loss per cent.

12. Vinay sold a plot of land for Rs. 143000, gaining 4%. For how much did he purchase the plot?

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13. John sold his T.V. set for Rs. 14100, losing 6%. For how much did he purchase it?

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14. On selling a bed for Rs. 10800, a carpenter loses 10%. For what amount should he sell it to gain 5%?

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15. On selling an almirah for Rs. 20350, a man gains 10%. What per cent does he gain on selling the same for Rs. 19610?

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16. On selling a fan for Rs. 4700, a shopkeeper loses 6%. At what price must he sell it gain 6%?

17. Kamal sold two scooters for Rs. 19800 each, gaining 10% on the one and losing 10% on the other. Find his gain or loss per cent on the whole transaction.

18. A buys an article for Rs. 650 and sells it to B at a profit of 20%. B sells it to C at a loss of 20%. What does C pay for it?

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