PROFIT & LOSS

When S.P>C.P, a profit is made. Profit =S.P - C.P

When S.P<C.P, a profit is made. Loss =C.P - S.P

How to find Profit and Loss %

Profit % = $\frac{Profit}{C.P} \times 100$ Loss % = $\frac{Loss}{C.P} \times 100$

Q1- A shopkeeper bought 20 pencils for ₹ 10. He sold each pencil for ₹1. Calculate his profit or loss. ?

Q2- A fruit seller bought 40 apples at ₹ 2 each. He sold 30 apples at ₹ 3 each and the remaining apples at ₹ 2.50 each. Calculate his overall profit or loss. ?

Q3- A shopkeeper bought 25 storybooks for ₹ 200. He sold 20 storybooks at a profit of ₹ 5 each and the remaining storybooks at a loss of ₹ 2 each. Calculate his overall profit or loss. ?

Q4- A farmer bought 100 kg of wheat for ₹ 200. He sold 80 kg of wheat at ₹ 3 per kg and the remaining wheat at ₹ 2.50 per kg. Calculate his overall profit or loss. ?

Q5- A fruit seller bought 50 apples at ₹ 2 each. He sold 30 apples at ₹ 3 each and the remaining apples at ₹ 2.50 each. Calculate his overall profit or loss.

Q6- Mayank bought a laptop for ₹ 800 and sold it for ₹ 1000. Calculate his profit percentage ?.

Q7- Shanaya bought a dress for ₹ 120 and sold it for ₹ 150. Calculate her profit percentage. ?

Superior Scholar

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When S.P>C.P, a profit is made. Profit =S.P – C.P

When S.P<C.P, a profit is made. Loss =C.P – S.P

How to find Profit and Loss %

$$Profit \% = \frac{Profit}{C.P} \times 100 \qquad Loss \% = \frac{Loss}{C.P} \times 100$$

Answer -1) The shopkeeper made a profit of ₹ 10.

Answer -2) The fruit seller made a profit of ₹ 35.

Answer -3) The shopkeeper incurred a loss of ₹ 30.

Answer -4) The farmer made a profit of ₹ 90.

Answer -5) The fruit seller made a profit of ₹ 40 overall.

Answer -6) Mayank's profit percentage is 25%.

Answer -7) Shanaya's profit percentage is 25%.