Terms related with Profit & Loss

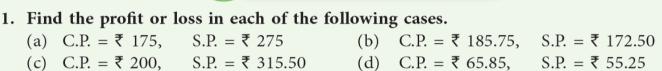
1) <u>Cost Price :-</u> The amount of money which you pay to buy an article is called cost price. It is written as **C.P.**

2) <u>Selling Price :-</u> The amount which you receive from the customer by selling an article is called selling price. It is written as **S.P.**

3) <u>Profit:-</u> When the selling price of an article is greater than its cost price , then it is profit. **Profit = S.P – C.P**

4) <u>Loss</u> :- When the selling price of an article is less than its cost price , then it is loss. Loss = C.P - S.P





Solution 1:-

	Rough week
S.P > C.P	Rough work
It is profit	£ 275
0 0	- 7 175
Profit = S. P-C.P	₹ 100
0 = Z 275 - Z 175	

(b)
$$C \cdot P = \overline{z} | 85.75$$
, $S \cdot P = \overline{z} | 72.50$
C $\cdot P > 8 \cdot P$
 $\therefore 9 \pm ix 2000$
 $z \cdot 9 \pm ix 2000$
 $\overline{z} \cdot 9 \pm 013.25$
 $\overline{z} \cdot 9 \pm 013.25$
 $\overline{z} \cdot 9 \pm 013.25$

In Q1. (c) and (d) are homework.

2. Neha bought a microwave oven for ₹ 12,000 and sold it for ₹ 13,510. Find the profit or loss made by her.

Solution 2:-

C.P. of microwave over = Z 12,000 S.P. of microwave over = Z 13,510 Here, S.P.7 C.P. Rough work so it is profit. 王 13510 Brofit = S.P- C.P = ₹13510 - ₹12000 - Z 12000 F 01510 = ₹ 1510 . The profit earned by Neha is \$ 1,510

3. Rachna bought a saree for ₹ 1150 and sold it to her friend for ₹ 1070. Find the profit or loss made by her.

Solution 3:-

C.P. of a saree = Z 1150 S.P. of a saree = Z 1070 Parate week Here, C.P > S.P. So it is Lose Loss = C.P - S.P. = E1150 - E 1070 = 7 80 ... Rachra carned a loss of \$ 80.

4. A shopkeeper buys a television set for ₹ 7200. He spends ₹ 120 on its transportation and sells it for ₹ 9600. Find the profit or loss made.

Solution 4:-

C.P. of a TV set = 7200 Cost of transporation = 7 120 : Jotal C.P. of a TV set = Z 7200 + Z 120 = = 7320 S.P of a TV set = Z 9600 7 9600 Here, S. P>C.P - E 7320 So it is Perefit. Z 2280 Bufit = 8. P - C. P = ₹9600 - ₹7320 = 2 2 2 80 . A shopkeeper made a profit of 7 2280.

5. A fruit vendor bought 10 kg of mangoes for ₹ 350. He sold them at ₹ 42 per kg. How much profit did he make for 1 kg of mangoes?

Solution 5:-

C.P. of 10 Kg of mangoes = 7 350 S.P of 10 kg of mangole = 10x = 420 Here, S.P. 7 C.P Profit = S.P-C.P = E 420 - E350 = 270 So, the profit of 10 kg of mngoes = = = 70 ... The profit of 1 Kg of mangoes = = = = == = ZT ". The fruit vendor got a profit of Z7 on 1kg of mangols.

Pens were purchased by a stationery shop owner at 100 pens for ₹ 350. He sold them at 8 pens for ₹ 40. Find the profit made on each pen.

Solution 6:-

C.P of 100 pens = 7350 1 pen = ₹350 100 二天3.50 S.P. of 8 pens = = = 40 : S.P.J. 1 per = = = 40 10 = 天 5 ₹ 5.00 - Ŧ 3. 50 Here S.P > C.P F 1.50 Profit = S.P- C.P = 75- 73.50 = E1.50 -. The profit made on each per is \$1.50.

Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14 and Q15 are omitted

Ch-16 Average is omitted