

Exercise - 8(A)

1) Amount Megha brought the 10 Notebooks = ₹ 40 (C.P.)

SP - 1 Notebook → ₹ 4.75

• C.P of Notebook = ₹ 4

• Profit = ₹ 4.75 - ₹ 4 = ₹ 0.75

Profit % = $\frac{0.75}{4} \times 100 = 18.75\%$

2) C.P of 4 oranges = ₹ 3

Cost of 1 orange = ₹ 0.75

S.P of 3 oranges = ₹ 4

Cost of 1 orange = ₹ 0.75

Profit = 0.58 Profit % = $\frac{0.58}{3} \times 100 = 19.33$

i) CP of 15 Articles = ₹ 112.50

CP of 1 Article = ₹ $112.50 \div 15 = 7.50$

SP of 12 Articles = ₹ 108

SP of 1 Article = ₹ $108 \div 12 = 9$

ii) Gain percent = ₹ $9 - 7.50 = ₹ 1.50$

$$= \frac{1.5}{7.5} \times 100 = 20\%$$

iii) CP of 50 Articles = ₹ $50 \times 7.50 = ₹ 375$

SP " " " = ₹ $9 \times 50 = ₹ 450$

Profit = SP - CP

$$= 450 - 375 = ₹ 75$$