For profit of ₹75 articles sold = 60/40

= 450/90

4) CP = ~~166~~ 162

Repairing = ₹18

Total CP = ₹162 + ₹18

= ₹180

SP = ₹202

SP > CP

Profit = 207 - 180 = 27

$P\% = \frac{P}{CP} \times 100$

$= \frac{27^{3}}{\frac{180}{2}_{5}} \times 100$

= 15%.

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(5) Cost of the article = ₹4,800
Spend on its transport = ₹1,200
Total cost price = ₹4,800 + ₹1,200
= ₹6,000

SP = ₹5,820
CP > SP
∴ Loss = ₹6,000 - ₹5,820
= ₹180

∴ Loss % = $\frac{180}{6000} \times 100$
= 3%.

8)

6) SP = ₹3600

i) Profit = $\frac{1}{6}$ of ₹3600

$= \frac{1}{6_1} \times \overset{600}{3600}$

= ₹600 (i)

ii) CP = SP − Profit

= ₹3600 − ₹600

= ₹3,000 (ii)

SP > CP

Profit = SP − CP

= ₹3,600 − ₹3,000

= ₹600

iii) Profit % $= \frac{\overset{20}{600}}{3000} \times 100$

= 20% (iii)

7) SP = ₹5,500

i) Loss = $\frac{1}{10}$ of ₹5,500

$= \frac{1}{10} \times 5500$

= ₹550 (i)

ii) CP = SP + Loss

= ₹5,500 + ₹550

₹6050

CP > SP

Loss

iii) Loss % $= \frac{550}{6050} \times 100$ $\frac{550 \times 100}{6050} = \frac{10 \times 100}{110}$

$= \frac{100}{11} = 9\frac{1}{11}\%$

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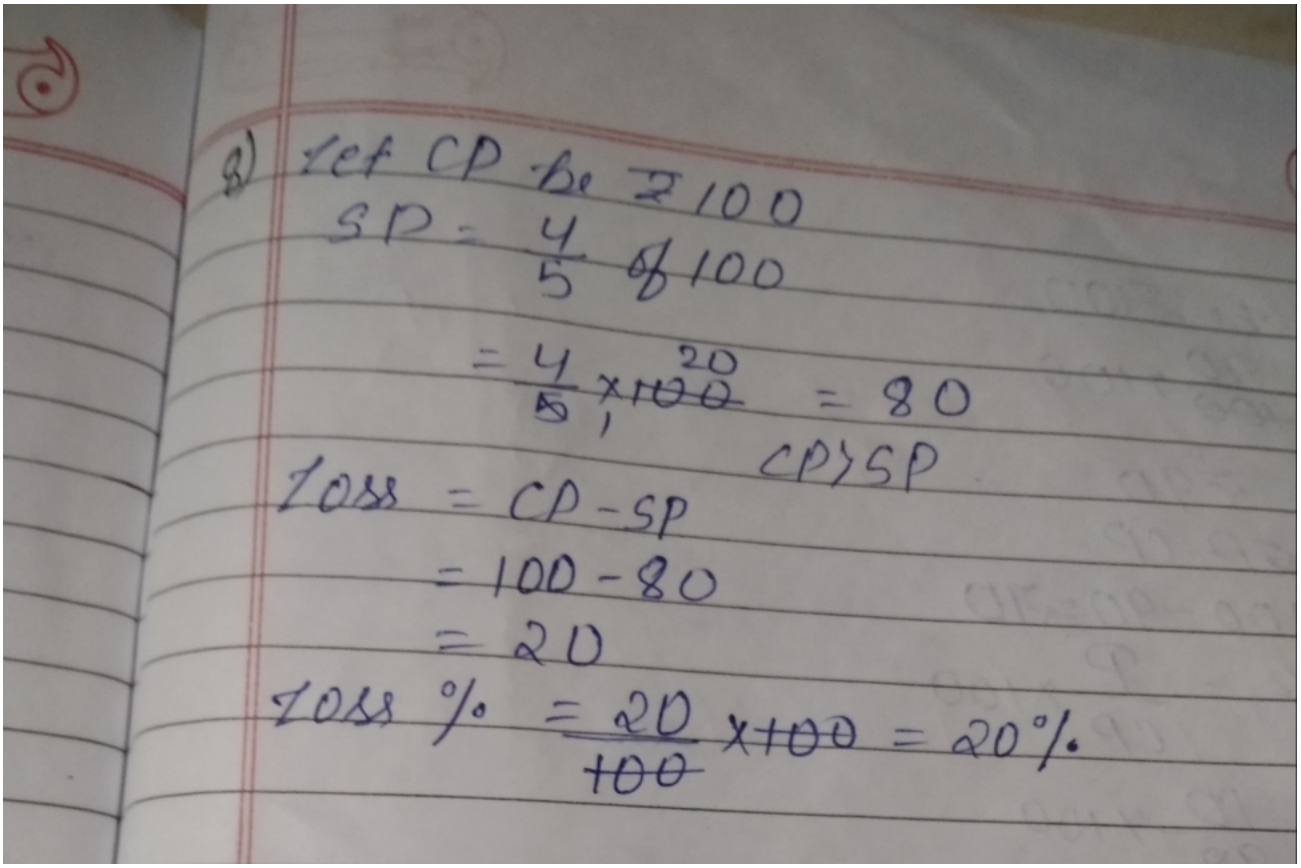
8) Let CP be ₹100
SP = 4/5 of 100
= 4/5 × 100 (20) = 80
CP > SP
Loss = CP - SP
= 100 - 80
= 20
Loss % = 20/100 × 100 = 20%.