

Sheepkeeper A sells an article to B at 10% profit and B sells it to C at a loss of 10%. If the CP for A is ₹1200.

i) at what price should 'C' sell it to get a profit of 10%

ii) what is the CP for B.

Ans

$$CP_A = ₹ 1200$$
$$SPA = \left(\frac{100 + P\%}{100} \right) \times CP$$

$$SPA = \frac{110}{100} \times 1200 = 110\% \cdot 1200 = 1320 = 1104$$

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