

① let CP of Saree = Rs x
let MP of Sweater = Rs y
acc CI

$$\frac{100+8}{100}x + \frac{100-10}{100}y = 1008$$

$$\Rightarrow \frac{108}{100}x + \frac{90}{100}y = 1008 \dots \text{①}$$

acc CPI

$$\frac{100+10}{100}x + \frac{100-8}{100}y = 1028$$

$$\Rightarrow \frac{110}{100}x + \frac{92}{100}y = 1028 \dots \text{②}$$

$$\text{①} \times 46 - \text{②} \times 45$$

$$\frac{4968}{100}x + \frac{4140}{100}y = 46368$$

$$\frac{4950}{100}x + \frac{4140}{100}y = 46260$$

$$\frac{18}{100}x = 108$$

$$\Rightarrow x = \frac{108 \times 100}{18} = 600$$

Sub ①

$$\frac{108}{100} \times 600 + \frac{90}{100}y = 1008$$

$$\frac{90}{100}y = 1008 - 648$$

$$\Rightarrow \frac{90}{100}y = 360$$

$$\Rightarrow y = 400$$

\therefore CP of Saree = Rs 600

M.P. (L.P.) of Sweater = Rs 400