



Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q5

Answer :

Given,

MP of the ceiling fan = Rs. 720

SP of the ceiling fan = Rs. 684

Since $SP = MP - \text{Discount}$,

$\text{Discount} = MP - SP$

$$= \text{Rs. } (720 - 684)$$

$$= \text{Rs. } 36$$

$$\text{Discount \%} = \left(\frac{\text{Discount}}{\text{MP}} \right) \times 100\%$$

$$= \frac{36}{720} \times 100\%$$

$$= 5\%$$

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q6

Answer :

Given,

SP of the saree = Rs. 720

Discount *on the saree* = 20%

We know, $\text{Discount \%} = \frac{\text{Discount}}{\text{MP}} \times 100$

Or, $\text{Discount} = \frac{\text{Discount \%} \times \text{MP}}{100}$

Let *the MP of the saree* be Rs. x

Therefore, $\text{Discount} = \frac{20}{100} x = \text{Rs. } 0.20x$

Since $\text{S.P} = \text{MP} - \text{Discount}$,

$$720 = x - 0.20x$$

$$720 = 0.80x$$

$$x = \frac{720}{0.80}$$

$$= \text{Rs. } 900$$

Thus, *the MP of the saree* is Rs. 900.

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