



Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q18

Answer :

Marked price of the table fan = Rs. 480

Discount = 25%

Therefore, cost price = 25% of Rs. 480

$$\frac{25}{100} \times 480 = \text{Rs. } 360$$

It is given that the profit on the table fan is 15%.

$$\text{Gain \%} = \frac{\text{Gain}}{\text{CP}} \times 100$$

$$15 = \frac{\text{Gain}}{360} \times 100$$

Gain = Rs. 54

Gain = SP - CP

$$54 = \text{SP} - 360$$

SP = Rs. 414

Thus, the retailer will sell the table fan for Rs. 414.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q9

Answer :

Given,

SP of the item = Rs. 660

Discount on the item = 25%

Profit on the item = 10%

We know,

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

$$= \left(\frac{100 \times 660}{100 - 25} \right)$$

$$= \text{Rs. } 880$$

Thus, the marked price of the item is Rs. 880.

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