



Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q24

Answer :

Given,

MP of the pair of shoes = Rs. 1120

Discount = 10%

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

$$= 1120 \times \frac{90}{100}$$

= Rs. 1008

Now,

Profit = 26%

SP = Rs. 1008

Therefore, $CP = \left(\frac{100 \times SP}{100 + \text{Profit \%}} \right)$

Cost price = $\left(\frac{100 \times 1008}{100 + 26} \right)$

= Rs. 800

The cost price of the pair of shoes will be Rs. 800.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q25

Answer :

Given,

MP of the fan = Rs. 1250

Discount = 10%

So, Discount = 10% of 1250

$$= 0.10 \times 1250$$

$$= \text{Rs. } 125$$

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

$$SP = \text{Rs. } (1250 - 125)$$

$$= \text{Rs. } 1125$$

Now,

SP of the fan = Rs. 1125

Profit = 25%

$$CP = \left[\frac{100}{(100 + \text{Profit}\%)} \times SP \right]$$

$$= \left[\frac{100}{125} \right] 1125$$

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

Thus, *the cost price of the fan is Rs. 900.*

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