

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q15

Answer:

Let the sale price of the set be Rs. x Given that the VAT charged is 10%.

Cost of the set = x + 10% of x

165 = x + 0.10x

165 = 1.10x

 $x = \frac{165}{1.10}$

x = Rs. 150

Thus, the sale price of the set is Rs. 150.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q16

Answer:

Let the sale price of the bicycle be Rs. x.

VAT charged = 10%

Again,

Cost of the bicycle = x + 10% of x

660 = x + 0.10x

660 = 1.10x

 $x = \frac{660}{1.10}$

x = Rs. 600

Thus, the list price of the bicycle is Rs. 600.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q17

Answer:

Let the list price of the TV be Rs. x. VAT charged = 8% Given, $Cost \ price \ of \ the \ TV = Rs. \ 13,500$ So, $Cost \ price \ of \ the \ TV = x + 8\% \ of \ x$ 13,500 = x + 0.08x 13,500 = 1.08x $x = \frac{13,500}{1.08}$ $x = Rs. \ 12,500$ Thus, the list price of the TV is Rs. 12,500.

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