



Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q7

Answer :

Cost of the furniture inclusive VAT = Rs. 7150

Let the original cost of the furniture be Rs. x .

Cost of the furniture = 10% of $x + x$

$$7150 = 1.10x$$

$$x = \frac{7150}{1.10}$$

$$= \text{Rs. } 6500$$

Thus, the original cost of the furniture is Rs. 6500.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q8

Answer :

Cost of the refrigerator inclusive VAT = Rs. 13,750

Let the original cost of the furniture be Rs. x .

Cost of the furniture = 10% of $x + x$

$$13,750 = 1.10x$$

$$x = \frac{13,750}{1.10}$$

$$= \text{Rs. } 12,500$$

Thus, the original cost of the furniture is Rs. 12,500.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.3 Q9

Answer :

Cost price of the TV including VAT = Rs. 13440

Let the rate of VAT be $x\%$.

Cost of the TV = $x\%$ of 12000 + 12000

$$13440 - 12000 = 120x$$

$$120x = 1440$$

$$x = \frac{1440}{120}$$

$$= 12$$

Thus, the rate of VAT on the colour TV is 12%.

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