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. $12,500$.

********** END *********