Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q22

Answer :

Given,

CP of the pair of shoes = Rs. 1470

Gain = 12%

Discount = 16%

So, SP = Rs. $\left(\frac{100+\text{Gain}}{100} \times \text{CP}\right)$

= Rs. $\left(\frac{100+12}{100} \times 1200\right)$

= Rs. 1344

Now,

SP of the pair of shoes = Rs. 1344

Discount = 16%

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

= Rs. $\left(\frac{100 \times 1344}{100-16}\right)$ = Rs. 1600

Aslam should sell the pair of shoes for Rs. 1600.

Profit, Loss, Discount, Value Added Tax (VAT) Ex 13.2 Q23

Answer :

Given,

MP of the shirt = Rs. 850

Discount = 4%

Discount allowed = Rs. $\left(\frac{4}{100} \times 850\right)$

= Rs. 34

Thus, SP of *the* shirt = Rs. (850 − 34) = Rs. 816

Now,

Profit earned by Jasmine = 20%

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

= Rs. $\left(\frac{100 \times 816}{100+20}\right)$

= Rs. $\left(\frac{100 \times 816}{120}\right)$

= Rs. 680

Thus, the cost price of *the* shirt is Rs. 680.

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