Simple Interest Ex 12.1 Q15

Answer :

Given that the SP of a book = Rs. 230

Profit % = 15

Since

CP = (SP × 100) ÷ (100 + profit %)

CP = (230× 100) ÷ (100 + 15)

CP = 23000 ÷ 115 = Rs. 200

Also,

Profit = SP - CP = Rs. (230 - 200) = Rs. 30

Actual profit = Rs. 30

Simple Interest Ex 12.1 Q16

Answer :

Given

Profit % = 10%

CP = Rs. 200

Since

SP = {(100 + profit %)/100} × CP

= {(100 + 10)/100} × 200

= {110/100} × 200

= Rs. 220

The bookseller sells the book for Rs. 220.

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