

Simple Interest Ex 12.1 Q15

Answer:

Given that the SP of a book = Rs. 230 Profit % = 15 Since $CP = (SP \times 100) \div (100 + profit \%)$ $CP = (230 \times 100) \div (100 + 15)$ $CP = 23000 \div 115 = Rs. 200$ Also, Profit = SP - CP = Rs. (230 - 200) = Rs. 30

Simple Interest Ex 12.1 Q16

Actual profit = Rs. 30

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.

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