



Summer Fields School

KAILASH COLONY, NEW DELHI-110048

Academic Session 2020-2021

MATHEMATICS

Class V

TOPIC - Word problems on Profit and loss
Exercise – 2 (D)

Q1) Solve :



a) Rashid incurred a loss of ₹ 590 on a chair he sold at ₹ 1,280. What was the cost price of the chair?



Ans a)

Selling price of the chair = ₹ 1,280

Loss = ₹ 590

Cost price of the chair = ?

$$C.P = S.P + Loss$$

$$= ₹ 1,280 + ₹ 590$$

$$C.P = ₹ 1,870$$

The cost price of the chair was ₹ 1,870



b) Ali made a profit of ₹ 3,200 on a sofa set he bought for ₹ 15,290. At what price did he sell it?



Ans b)

Cost price of the sofa set = ₹ 15,290

Profit = ₹ 3,200

Selling price of the sofa set = ?

$$S.P = C.P + \text{Profit}$$

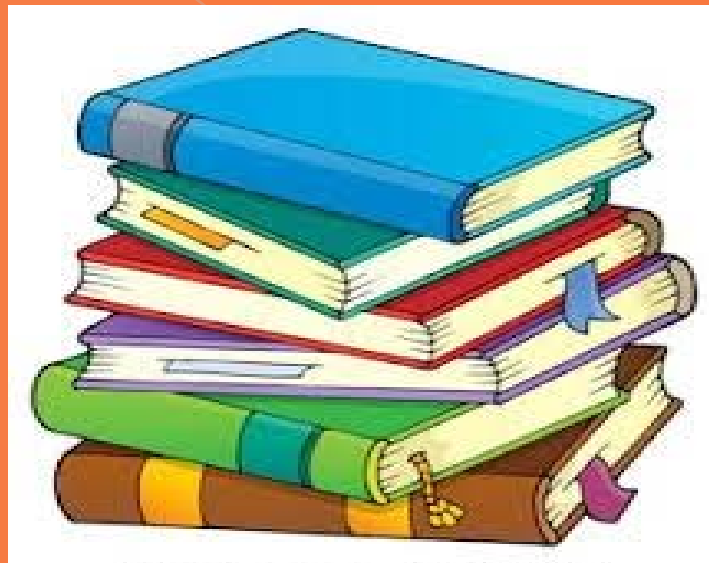
$$= ₹ 15,290 + ₹ 3,200$$

$$S.P = ₹ 18,490$$



He sold the sofa set for ₹ 18,490

c) A dozen books are sold at ₹ 1,648 at a profit of ₹ 120. What is the cost price of the books?



Ans c)

Selling price of the books = ₹ 1,648

Profit = ₹ 120

Cost price of the books = ?



$$C.P = S.P - \text{Profit}$$

$$= ₹ 1,648 - ₹ 120$$

$$C.P = ₹ 1,528$$

The cost price of the books is ₹ 1,528

Homework(Textbook Questions)

Exercise -2(D)

a) A painting was bought for ₹ 45,895. The frame was changed for ₹ 2,060. It was finally sold for ₹ 51,080. What was the loss or gain?

b) A factory makes car wheels. If it sells each wheel at ₹ 5,925 at a profit of ₹ 398, what is the cost price of the wheel?

c) A chair costs ₹ 1,046. If it is sold at a loss of ₹ 191, what is its selling price?

