

Maharashtra Board Solutions Class 8-Maths

(Practice Set 9.2): Chapter 9- Discount and Commission



For any clarifications or questions you can write to info@indcareer.com

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Maharashtra Board Solutions Class 8-Maths

(Practice Set 9.2): Chapter 9- Discount and Commission

Class 8: Maths Chapter 9 solutions. Complete Class 8 Maths Chapter 9 Notes.

Maharashtra Board Solutions Class 8-Maths (Practice Set 9.2): Chapter 9- Discount and Commission

Maharashtra Board 8th Maths Chapter 9, Class 8 Maths Chapter 9 solutions

Question 1.

John sold books worth Rs 4500 for a publisher. For this he received 15% commission. Complete the following activity to find the total commission John obtained.

Solution:

Selling price of the books = Rs 4500

Rate of commission = 15%

Commission obtained = 15% of selling price

$$= [15][100] \times [4500]$$

$$= 15 \times 45$$

$\therefore$ Commission obtained = 675 Rupees.

$\therefore$ The total commission obtained by John is Rs 675.

Question 2.

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Rafique sold flowers worth Rs 15,000 by giving 4% commission to the agent. Find the commission he paid. Find the amount received by Rafique.

Solution:

Here, selling price of flowers = Rs 15,000,

Rate of commission = 4%

i. Commission = 4% of selling price

$$= 4\% \times 15,000$$

$$= 4 \times 150$$

$$\therefore \text{Commission} = \text{Rs } 600$$

ii. Amount received by Rafique = selling price – commission

$$= 15,000 - 600$$

$$= \text{Rs } 14,400$$

$\therefore$ Rafique paid Rs 600 as commission and the amount received by him was Rs 14,400.

Question 3.

A farmer sold food grains for Rs 9200 through an agent. The rate of commission was 2%. How much amount did the agent get ?

Solution:

Here, selling price of food grains = Rs 9200,

Rate of commission = 2%

Commission = 2% of selling price

$$= 2\% \times 9200$$

$$= 2 \times 92$$

$$= \text{Rs } 184$$

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∴ The agent got a commission of Rs 184.

Question 4.

Umatai purchased following items from a Khadi – Bhandar.

- i. 3 sarees for Rs 560 each.
- ii. 6 bottles of honey for Rs 90 each.

On the purchase, she received a rebate of 12%. How much total amount did Umatai pay?

Solution:

Here, number of sarees = 3,

Price of each saree = Rs 560

∴ Cost of 3 sarees = 560×3

= Rs 1680 ... (i)

Also, number of honey bottles = 6,

Price of each bottle = Rs 90

∴ Cost of 6 honey bottles = 90×6

= Rs 540

Total amount of purchase

= cost of 3 sarees + cost of 6 honey bottles

= $1680 + 540$... [From (i) and (ii)]

= Rs 2220 ... (iii)

Rate of rebate = 12%

Rebate = 12% of total amount of purchase

= $12\% \times 2220$

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$$= 12 \times 22.20$$

$$= \text{Rs } 266.40 \text{ ..(iv)}$$

Amount paid by Umatai

$$= \text{Total amount of purchase} - \text{Rebate}$$

$$= 2,220 - 266.40 \dots [\text{From (iii) and (iv)}]$$

$$= \text{Rs } 1953.60$$

$\therefore$ The total amount paid by Umatai is Rs 1953.60.

Question 5.

Use the given information and fill in the boxes with suitable numbers.

Smt. Deepanjali purchased a house for Rs 7,50,000 from Smt. Leelaben through an agent. Agent has charged 2 % brokerage from both of them.

Solution:

i. Smt. Deepanjali paid $7,50,000 \times 2100$

$$= 7,500 \times 2 = \text{Rs } 15,000 \text{ brokerage for purchasing the house.}$$

ii. Smt. Leelaben paid brokerage of Rs 15,000

iii. Total brokerage received by the agent is $= 15,000 + 15,000 = \text{Rs } 30,000$

iv. The cost of house Smt. Deepanjali paid is $= 7,50,000 + 15,000 = \text{Rs } 7,65,000$

v. The selling price of house for Smt. Leelaben is $= 7,50,000 - 15,000$

$$= \text{Rs } 7,35,000$$



Maharashtra Board Solutions

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About About Maharashtra State Board (MSBSHSE)

The Maharashtra State Board of Secondary and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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FAQs

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Who developed the Maharashtra State board books?

As of now, the MSCERT and Balbharti are responsible for the syllabus and textbooks of Classes 1 to 8, while Classes 9 and 10 are under the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE).

How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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