



Gokhale Education Society's

**COLLEGE OF EDUCATION AND RESEARCH**




Parel, Mumbai – 400 012.

Permanently affiliated to University of Mumbai, NCTE Recognised, UGC 2f 12B,  
ISO 9001:2015 Certified, NAAC accredited A grade in 3<sup>rd</sup> Cycle

**DOCUMENT UPLOAD**

**HONORING STUDENT DIVERSITY 2.2.4**



  
**Principal**  
**Gokhale Education Society's**  
**College of Education & Research**  
**Parel, Mumbai - 400 012.**

Name:- Manjiri Umesh Khot Roll No :- 22

Name of the School:- Maharashtra School, Dadar (W)

Std:- 6<sup>th</sup> Sub:- Mathematics Lesson No:- 13

Date:- 15/07/2021

Name of Unit:- Commercial Mathematics

Sub unit:- Profit and Loss

### PRE - ACTIVE STAGE

Teaching Aid:- White Board

Previous Knowledge:- Students are familiar with the concept of calculating profit or loss.

Reference Book/Website:- Google, Youtube

Teaching style:- Lecture

Core Element:- Equality

Value:- Dignity of Labor

Generalizations:- The topic covers finding profit and loss by making use of calculations

Objectives:-

Students acquire the knowledge of

- Buying the goods from shops
- Reading, preparing and maintaining bills.

Specifications / Learning Outcomes

- Students learn how profit is earned or loss is incurred
- Understand costs of various materials and services and learn to make strategies in order to earn more profits and decrease losses.

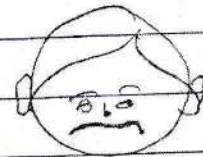
## Content Analysis:-

If the selling price is more than the amount paid for it, there is a gain. It is called a profit.

Sometimes, an article is sold for less than the amount paid for it while buying. The damage, in that case, is called a loss.

Ex. Details of Pranav's shopping for his stall:-

Vegetables	₹ 70
Butter	₹ 25
Bread	₹ 45
Masala	₹ 14
Miscellaneous	₹ 20
Total	₹ 174



The amount Pranav gained through his sales = ₹ 160

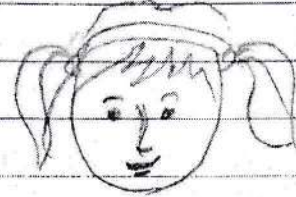
# How much did Pranav spend in all? ₹ 174

# Why is he so disappointed?

Ans. Selling Price is ₹ 160 which is less than the Cost Price of ₹ 174. Since he has suffered a loss of ₹ 14, Pranav is disappointed.

Ex:- Details of Sarita's shopping for her stall :-

Plates	- ₹ 20
Spoons	- ₹ 10
Chutney	- ₹ 30
Puffed rice	- ₹ 50
Onions	- ₹ 20
Miscellaneous	- ₹ 60
	₹ 190



The amount Sarita gained by sales is ₹ 230.

# How much did Sarita spend on her bhel?

# Why does Sarita look so happy.

### ACTIVE STAGE

Introduction to the topic:-

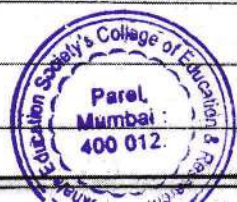
Teacher introduces the topic by displaying the question on screen:



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Presentation of Content :- (Role of a Teacher and Students Learning Situation, Learning Experience)

Teacher Activity	Student Activity
- Teacher initiates online meeting and greets students.	- Students greet back
- Teacher introduces the topic by displaying sums.	- Students participates
- Today we are going to see how to find profit and loss. with the help of examples.	- Students observe
- Teacher asks the students to copy down the blackboard work	- Student copies down
- Teacher solves the sums and asks students to copy down.	- Teacher has given works which is copied by students
- Teacher recaps the topic	- Teacher has one on one discussion with students



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- |   |                    |
|---|--------------------|
| - Teacher explains core values                                      | Students listen    |
| - Teacher displays evaluation question.                             | students answer    |
| - Teacher displays homework on screen and asks student to copy down | students copy down |

### POST ACTIVE STAGE

#### Evaluation:-

Q. Hamidbhai bought bananas worth 2000 rupees and sold them all for 1890 rupees. Did he make a profit or a loss? How much was it?

→ He bought bananas for Rs 2000.  
Hence,  
Cost price = ₹2000  
Selling price = ₹1890

Cost price is greater than selling price.  
Therefore, Hamidbhai suffered a loss.

$$\begin{aligned} \text{Loss} &= \text{Cost price} - \text{Selling price} \\ &= 2000 - 1890 \\ &= \boxed{\text{₹110}} \end{aligned}$$

∴ Hamidbhai suffered a loss of ₹110 in this transaction.



Black Board Work

Date:- 15/07/2021 Sub:- Maths Std:- 6<sup>th</sup>

Topic:- Commercial Mathematics

Sub-  
Unit:- Profit and  
Loss.

Homework Question:-

Harbhajan Singh bought 500kg of rice for 22000 rupees and sold it all at the rate of ₹ 48 per kg. How much profit did he make?

Ans:- The cost price of 500 kg rice is ₹ 22000.

Selling price of 500 kg of rice is  $= 500 \times 48 = ₹ 24000$

Selling price is greater than cost price.

$$\therefore 24000 > 22000$$

Therefore there is a profit

Profit =

Selling Price -  
Cost Price

$$= 24000 - 22000$$

$$= ₹ 2000$$

∴ In this transaction Harbhajan Singh made a profit of ₹ 2000

