



INDIAN SCHOOL AL WADI AL KABIR

Class: XII	Department: Commerce
Subject:	Entrepreneurship - 2024
Worksheet: 03	Chapter 5: Business Arithmetic Numericals Worksheet

1. Following are the details from the sales register of Nesto on a particular day.

Number of Customers	Per Customer Billed (Rs)
7	1,500
8	2,000
12	2,200

Using the data given above, calculate:

- Total Billed Amount
- Unit Price

2. From the information given below calculate the following:

- Total Billed Amount
- Unit Price

Number of customers	Per customer billed amount (₹)
5	500
10	700
15	1,000
10	1,450
25	2,000
5	2,500
10	3,100
15	3,500
5	5,000

3. A stationery store sold in one day the following items at the prices indicated.

Products	Price per unit (₹)	Quantity sold
Student note book	40	35
Reynolds pens	40	40
Erasers	5	5
Scale (12" plastic)	15	10
Flip chart	10	5
Sketch pens (one DOZEN)	25	3

The shopkeeper also found out, based on the number of bills issued by him, that there were 50 customers.

- If customer is the unit of sale, what is the —Unit Price in this case?
- If the cost of each stationery item is 75% of its selling price
- calculate the —Unit Cost and the —Gross Margin per unit of sale.

4. Total Number of Customers = 60

Total Bill Amount = Rs. 48,000

Unit Cost = 70% of unit price

From the above given data calculate the Gross Profit

5. A Beauty parlour had varying number of customers during 5 weeks. This information and the total weekly billing are in the following table.

- What are the —Unit of sale and the —Unit Price in this case?
- If the cost of goods sold or variable cost is 60% of the sale price, Calculate the —Unit Cost|| and the —Gross Margin per Unit of Sale

Week #	No. of customers	Total amount billed (₹)	Average amount billed (₹) per customer
Week 1	10	1,000	100
Week 2	17	1,445	85
Week 3	13	923	71
Week 4	22	5,082	231
Week 5	18	3,150	175
Total	80	11,600	

6. Number of people who took their meals and the total billing for each of the 5 weeks is in the following table.

- What are the —Unit of sale and the —Unit Price in this case?
- If the variable cost is 50% of the sale price, calculate the —Unit Cost and the —Gross Margin per Unit of Sale

Weeks	No. of people taking meals	Total amount billed (₹)	Average amount billed (₹)
Week 1	120	18,000	150
Week 2	60	12,300	205
Week 3	70	10,220	146
Week 4	80	17,680	221
Week 5	90	21,600	240
Total	420	79,800	

7. A hotel had varying number of guests during five weeks. The information regarding the number of guests and the average weekly billing is presented in the following table :

Week	No. of Guests	Average Billed Amount ₹
1	240	300
2	120	410
3	140	292
4	160	442
5	180	480

- What is the 'Unit of Sale' and 'Unit Price' in this case ?
- If the cost of goods sold or variable cost is 60% of the sales price, calculate the 'unit cost' and the 'gross profit'.