MONTH : JANUARY

SESSION : 6

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 19

CHAPTER NAME : MONEY

SUB-TOPIC : MULTIPLICATION AND DIVISION OF MONEY.

EXERCISE 19 C

LEARNING OBJECTIVE :

Enable learners :

- **To know about the currency of our country.**

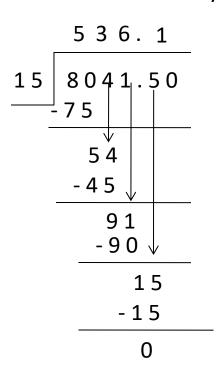- **To multiply and divide to know the value of money.**

1. Write the given amounts in figures in decimal notation.
2. Multiply or divide as any other decimal number.

EXAMPLE -

Multiply ₹ 236 . 25 x 13

```
  1 1     1
    2 3 6 . 2 5
  x       1 3
  _____
    7 0 8 7 5
  2 3 6 2 5 0
  _____
  3 0 7 1 . 2 5
```

Divide : ₹ 8 0 4 1 . 5 0 by 15

```
        5 3 6 . 1
  15 | 8 0 4 1 . 5 0
       - 7 5
       _____
          5 4
        - 4 5
        _____
           9 1
         - 9 0
         _____
            1 5
          - 1 5
          _____
             0
```

3. If the cost of 1 L Pepsi is ₹65 . 75, find the cost of 8 L of Pepsi.

Solution

Cost of 1 L of Pepsi =   ₹ 65.75

Cost of 8 L of Pepsi =   ₹ 65. 75 x 8 =   **₹ 5 2 6**

∴ **The cost of 8 L of Pepsi is ₹ 526.**

$$
\begin{array}{r}
^{4\ 6\quad 4} \\
6\ 5\ .\ 7\ 5 \\
\times\quad\quad\ 8 \\
\hline
5\ 2\ 6\ .\ 0\ 0
\end{array}
$$

4. The monthly income of Aman is ₹ 45750.84. what is his annual income?

Solution

Monthly in come of Aman = ₹ 45750.84

No. of months in a year = 12

Annual income of Aman =   ₹ 45750.84 x 12

= **₹ 5, 49, 010 . 08**

```
      1 1     1
      4 5 7 5 0 . 8 4
   x             1 2
  ─────────────────────
      9 1 5 0 1 6 8
    4 5 7 5 0 8 4 0
  ─────────────────────
  5 4 9 0 1 0 . 0 8
```

∴ **His annual income is ₹ 5, 49, 010 . 08**

ODM
EDUCATIONAL GROUP
Changing your Tomorrow

5. If 12 notebooks cost ₹ 315.72, find the cost of each notebook.

Solution

Cost of 12 notebooks = ₹ 315.72

Cost of 1 notebook =   ₹ 315.72 ÷12= **₹ 26 . 31**

$$
\begin{array}{r}
2\ 6\ .\ 3\ 1 \\
12\ \overline{\smash{\big)}\ 3\ 1\ 5\ .\ 7\ 2} \\
-\ 2\ 4 \\
\hline
7\ 5 \\
-\ 7\ 2 \\
\hline
3\ 7 \\
-\ 3\ 6 \\
\hline
1\ 2 \\
-\ 1\ 2 \\
\hline
0
\end{array}
$$

Therefore the cost of each notebook is ₹ 26. 31.

6. The price of 15 movie tickets is ₹ 1802 . 25. Find the price of each movie tickets.

Solution

Price of 15 movie tickets = ₹ 1802 .25

Price of each ticket = ₹ 1802.25 ÷15= **₹ 120.15**

Therefore the price of each movie ticket is ₹ 120.15 .

```
              1 2 0 . 1 5
         ┌─────────────────
   1 5   │ 1 8 0 2 . 2 5
         │ - 1 5
         │ ──────
         │   3 0
         │ - 3 0
         │ ──────
         │   0 2
         │ -   0
         │ ──────
         │     2 2
         │   - 1 5
         │   ──────
         │       7 5
         │       7 5
         │     ──────
         │         0
```

7. The cost of one bag is Rs. 1026.65. Find the cost of 25 such bags.

Solution

Cost of one bag = Rs. 1026 . 65

Cost of 25 such bags =   Rs. 1026. 65 x 25 = **Rs. 25 , 666 . 25**

Thus the cost of 25 bags is Rs. 25, 666 . 25.

```
        1 0 2 6 . 6 5
    x             2 5
    ──────────────────
        5 1 3 3   2 5
    2 0 5 3 3   0 0
    ──────────────────
    2 5 6 6 6 . 2 5
```

Complete Exercise 19 C no.1 & 2 in the copy.

Students are able:

- To know about the currency of our country.

- To multiply and divide to know the value of money.

THANKING YOU
ODM EDUCATIONAL GROUP