Chapter- 6

DIVISION

WORKSHEET

I. Fill in the blanks :

a) The number by which we divide is called _divisor_.

b) A number that is left after division is called _remainder_.

c) The result in division after dividing the dividend with divisor is called _quotient_.

d) The number which is to be divided is called _dividend_.

II. Do as directed.

A) Solve by long division method:

6048 ÷ 9   1344 ÷ 8

B) Divide the following.

891 ÷ 17   758 ÷ 23

C) Divide the following.

7891 ÷ 32   5268 ÷ 14

D) Story sums.

1) How many days are there in 2280 hours?

ANS. No. of hours = 2280

No. of hours in a day = 24

No. of days in 2280 hours = 95

∴ No. of days in 2280 hours = 2280 ÷ 24 = 95 days.

$$\begin{array}{r} 95 \\ 24\overline{\smash{)}2280} \\ -216 \\ \hline 120 \\ -120 \\ \hline 0 \end{array}$$

2) In an auditorium there are 5048 chairs to seat. These chairs are arranged in 42 rows equally. How many chairs are there in each row?

ANS. No. of chairs = 5048

No. of rows = 42

∴ No. of chairs in each row = 5048 ÷ 42 = 120 chairs.

$$\begin{array}{r} 120 \\ 42\overline{\smash{)}5048} \\ -42 \\ \hline 84 \\ -84 \\ \hline 08 \\ \hline 0 \end{array}$$

- END -

II

A -

```
          6 7 2
      9 / 6 0 4 8
       - 5 4
          6 4
        -  6 3
             1 8
           -  1 8
                0
```

```
            1 6 8
      8 / 1 3 4 4
       -  8
           5 4
         - 4 8
             6 4
           - 6 4
                0
```

B -

```
          5 2
     17 / 8 9 1
      - 8 5
          4 1
        - 3 4
            7
```

```
          3 2
     23 / 7 5 8
      - 6 9
          6 8
        - 4 6
            2 2
```

C -

```
          2 4 6
     32 / 7 8 9 1
      - 6 4
         1 4 9
       - 1 2 8
           2 1 1
         - 1 9 2
               1 9
```

```
          3 7 6
     14 / 5 2 6 8
      - 4 2
         1 0 6
       -  9 8
             8 8
           - 8 4
                4
```