

## CHAPTER - 6

## DIVISION

1344

08

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

A) Solve using long division is called

$$6048 \div 9$$

$$1344 \div 8$$

$$\begin{array}{r} 672 \rightarrow Q \\ 9 \overline{) 6048} \\ \underline{-54} \downarrow \\ 64 \\ \underline{-63} \downarrow \\ 18 \\ \underline{-18} \\ 0 \rightarrow R \end{array}$$

$$\begin{array}{r} 168 \rightarrow Q \\ 8 \overline{) 1344} \\ \underline{-8} \downarrow \\ 54 \\ \underline{-48} \downarrow \\ 64 \\ \underline{-64} \\ 0 \rightarrow R \end{array}$$

$$52 - Q$$

$$118) \overline{17891}$$

$$\underline{-85 \downarrow}$$

$$43 \times 11$$

$$\underline{-34}$$

$$7 \rightarrow R$$

$$32 - Q$$

$$23) \overline{758}$$

$$\underline{-69 \downarrow}$$

$$68$$

$$\underline{-46}$$

$$22 \rightarrow R$$

C)

$$246 \rightarrow Q$$

$$32) \overline{7891}$$

$$\underline{-64 \downarrow}$$

$$149$$

$$\underline{-128 \downarrow}$$

$$21 \times 11$$

$$\underline{-192}$$

$$19 \rightarrow R$$

$$37 \rightarrow Q$$

$$14) \overline{5268}$$

$$\underline{-42 \downarrow}$$

$$1088$$

$$\underline{-998 \downarrow}$$

$$188 \rightarrow R$$

D)

Ques How many days are there in 2280 hours

ans- Number of hours -  $95 \rightarrow Q$

$$\begin{array}{r} \text{Number of hours} \\ 24 \overline{) 2280} \\ \underline{104} \\ 120 \\ \underline{120} \\ 0 \rightarrow R \end{array}$$

Number of hours - 2280

Number of hours in a day - 24

$\therefore$  Number of the day in 2280 hours  
 $2280 \div 24 = 95$  days

106

98

06

D-2. Numbers of Chairs to seat in auditorium - 5048  
 Number of arranged in row - 42

Ans Total number of chairs in  
 ∴ Each row -  $5048 \div 42$

Ans is = 120 -

$$\begin{array}{r}
 120 \rightarrow Q \\
 \underline{42 \overline{) 5048}} \\
 \underline{- 42} \downarrow \\
 84 \downarrow \\
 \underline{- 84} \downarrow \\
 008 \rightarrow R
 \end{array}$$