

1. Fill in the blanks:

a) By number by which we divide is called dividend.

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 divisor.

II. Do as directed:

A) Solve by long division method:

$$6048 \div 9$$

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

$$1344 \div 8$$

$$\begin{array}{r} 167 \rightarrow Q \\ \hline 8 \overline{) 1344} \\ \underline{8} \\ 54 \\ \underline{48} \\ 64 \\ \underline{64} \\ 0 \rightarrow R \end{array}$$

B. Divide the following.

$$891 \div 7$$

$$\begin{array}{r} 127 \rightarrow Q \\ \hline 7 \overline{) 891} \\ \underline{85} \\ 41 \\ \underline{35} \\ 61 \\ \underline{61} \\ 0 \rightarrow R \end{array}$$

$$758 \div 23$$

$$\begin{array}{r} 32 \rightarrow Q \\ \hline 23 \overline{) 758} \\ \underline{69} \\ 68 \\ \underline{46} \\ 22 \rightarrow R \end{array}$$

c) Divide the following.

$$7891 \div 32$$

$$\begin{array}{r} 246 \\ 32 \overline{) 7891} \\ \underline{-640} \\ 1491 \\ \underline{-1280} \\ 211 \\ \underline{-192} \\ 19 \rightarrow R \end{array}$$

d) Story Sums.

1) How many days are there in 2280 hours?

Ans. 24 hours = 1 day

$$1 \text{ hour} = \frac{1}{24} \text{ day}$$

$$2280 \text{ hours} = \frac{1}{24} \times 2280 \text{ days}$$

$$\begin{array}{r} 95 \rightarrow Q \\ 24 \overline{) 2280} \\ \underline{-2160} \\ 120 \\ \underline{-120} \\ 0 \rightarrow R \end{array}$$

\therefore There are 95 days in 2280 hours

$$0 \rightarrow R$$

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: total no. of chairs = 5048

total no. of rows = 42

$$42 \text{ rows} = 5048 \text{ chairs}$$

$$1 \text{ row} = 5048 \div 42 =$$

$$\begin{array}{r} 12 \rightarrow Q \\ 42 \overline{) 5048} \\ \underline{-420} \\ 848 \\ \underline{-840} \\ 8 \rightarrow R \end{array}$$

\therefore so, there are 12 chairs in

each row and 8 chairs are remaining