

Worksheet

1: 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:

1. $6048 \div 9$

$$\begin{array}{r}
 672 \\
 9 \overline{) 6048} \\
 \underline{-54} \\
 064 \\
 \underline{-63} \\
 018 \\
 \underline{-18} \\
 00
 \end{array}$$

2. $1344 \div 8$

$$\begin{array}{r}
 168 \\
 8 \overline{) 1344} \\
 \underline{-8} \\
 054 \\
 \underline{-48} \\
 064 \\
 \underline{-64} \\
 00
 \end{array}$$

B) Divide the following.

1. $891 \div 17$

$$\begin{array}{r}
 52 \\
 17 \overline{) 891} \\
 \underline{-85} \\
 041 \\
 \underline{-34} \\
 07
 \end{array}$$

2. $758 \div 23$

$$\begin{array}{r}
 32 \\
 23 \overline{) 758} \\
 \underline{-69} \\
 068 \\
 \underline{-46} \\
 22
 \end{array}$$

c) Divide the following.

1. $7891 \div 32$

2. $5268 \div 14$

$$\begin{array}{r}
 246 \\
 \hline
 32 \overline{) 7891} \\
 \underline{-64} \\
 149 \\
 \underline{-128} \\
 021 \\
 \underline{-192} \\
 019
 \end{array}$$

$$\begin{array}{r}
 376 \\
 \hline
 14 \overline{) 5268} \\
 \underline{-42} \\
 1068 \\
 \underline{-98} \\
 0088 \\
 \underline{-84} \\
 004
 \end{array}$$

D) Story sums.

1) How many days are there in 2280 hours?

Ans- Total no. of hours = 24
hours in a day = 2280

$$\begin{array}{r} 96 \\ 24 \overline{) 2280} \\ \underline{-212} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \end{array}$$

∴ No. of days in 2280
hours = 16

$$\begin{array}{r} 16 \\ 24 \overline{) 2280} \\ \underline{-212} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \\ \underline{-144} \\ 0160 \end{array}$$

$$2280 \div 24 = 96 \text{ days.}$$

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

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

∴ No. of chairs in each
row = $5048 \div 42 = 120$