

# 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

(i)  $6048 \div 9 = 672$

$$\begin{array}{r} 672 \text{ - Q} \\ 9 \overline{) 6048} \\ \underline{54} \phantom{00} \\ 64 \phantom{00} \\ \underline{63} \phantom{00} \\ 18 \phantom{00} \\ \underline{18} \phantom{00} \\ 0 \text{ - R} \end{array}$$

(ii)  $1344 \div 8 = 168$

$$\begin{array}{r} 168 \text{ - Q} \\ 8 \overline{) 1344} \\ \underline{8} \phantom{00} \\ 54 \phantom{00} \\ \underline{48} \phantom{00} \\ 64 \phantom{00} \\ \underline{64} \phantom{00} \\ 0 \text{ - R} \end{array}$$

B. Divide the following

$$891 \div 17 = 52 \text{ Quotient}, 7 \text{ Remainder}$$

$$\begin{array}{r} 52 \text{ -Q} \\ 17 \overline{) 891} \\ \underline{85} \phantom{0} \\ 41 \\ \underline{34} \\ 7 \text{ -R} \end{array}$$

$$758 \div 23 = \text{Quotient } 32, \text{ Remainder } 22$$

$$\begin{array}{r} 32 \text{ -Q} \\ 23 \overline{) 758} \\ \underline{69} \phantom{0} \\ 68 \\ \underline{46} \\ 22 \text{ -R} \end{array}$$

C. Divide the following

$$7891 \div 32 = 246 \text{ Quotient}, 19 \text{ Remainder}$$

$$\begin{array}{r} 246 \text{ -Q} \\ 32 \overline{) 7891} \\ \underline{64} \phantom{00} \\ 149 \\ \underline{128} \phantom{0} \\ 211 \\ \underline{192} \\ 19 \text{ -R} \end{array}$$

house

$$5268 \div 14 = 376 \text{ Quotient } 4 \text{ Remainder}$$

$$\begin{array}{r}
 376 \text{ -Q} \\
 14 \overline{) 5268} \\
 \underline{42} \phantom{0} \\
 106 \phantom{0} \\
 \underline{88} \phantom{0} \\
 88 \\
 \underline{84} \\
 4 \text{ -R}
 \end{array}$$

②	①		②
14	14	14	14
<u>x 7</u>	<u>x 4</u>	<u>x 3</u>	<u>x 6</u>
98	56	42	84

Q Story sums

How many <sup>days</sup> hours are there in 2280 hours?

Ans Number of hours = 2280  
 Hours in a day = 24  
 2280 hours has days =  $2280 \div 24 = 95$

$$\begin{array}{r}
 95 \\
 24 \overline{) 2280} \\
 \underline{216} \phantom{0} \\
 0120 \\
 \underline{120} \\
 000
 \end{array}$$

$\therefore$  95 days in 2280 hours.

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

Ans Number of chairs = 5048  
 Number of rows = 42  
 Chairs in a row =  $5048 \div 42 =$

$$\begin{array}{r}
 120 \text{ } - Q \\
 42 \overline{) 5048} \\
 \underline{42} \phantom{0} \\
 84 \\
 \underline{84} \\
 08 \text{ } - R
 \end{array}$$

$\therefore$  120 chairs are in a row and 8 left out.