

Worksheet - Division

- a) The number by which we divide is called
- b) A number that is left after division called Remainder.
- c) The result in division after dividing the dividend is called Quotient.
- d) The number which is to be divided is called Divident.

ii) Do as Directed

A) Solve by long division method:

$$\begin{array}{r} 6048 \div 9 \\ 672 \\ 9 \overline{) 5448} \\ \underline{-54} \phantom{00} \\ 64 \\ \underline{-63} \phantom{00} \\ 18 \\ \underline{-18} \\ 0 \end{array}$$

$$\begin{array}{r} 1344 \div 8 \\ 168 \\ 8 \overline{) 10744} \\ \underline{-8} \phantom{000} \\ 27 \\ \underline{-24} \phantom{00} \\ 34 \\ \underline{-32} \phantom{00} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

B) Divide the following

$$891 \div 17$$

$$\begin{array}{r} 52 \\ 17 \overline{) 891} \\ \underline{-85} \phantom{1} \\ 41 \\ \underline{-34} \\ 7 \end{array}$$

$$758 \div 23$$

$$\begin{array}{r} 32 \\ 23 \overline{) 758} \\ \underline{-69} \phantom{8} \\ 68 \\ \underline{-46} \\ 22 \end{array}$$

C) Divide the following

$$7891 \div 32$$

$$\begin{array}{r} 246 \\ 32 \overline{) 7891} \\ \underline{-64} \phantom{1} \\ 149 \\ \underline{-128} \\ 211 \\ \underline{-192} \\ 19 \end{array}$$

$$5268 \div 14$$

$$\begin{array}{r} 376 \\ 14 \overline{) 5268} \\ \underline{-42} \phantom{16} \\ 1068 \\ \underline{-98} \\ 88 \\ \underline{-84} \\ 4 \end{array}$$



D) Story Sum

1) How many days are there in 2280 hours?

Ans- Total hours = 2280

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Hours in 1 Day = 24

Total Days = 95

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

Days in 2280 hours = 95.

2) Total chairs to seats = 5048

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Chairs arranged in row = 42

Chairs in each row = 120

Chairs in each row are = 120

$$\begin{array}{r} 120 \\ 42 \overline{) 5048} \\ \underline{- 42} \phantom{0} \\ 84 \\ \underline{- 84} \\ 8 \end{array}$$