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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 Dividend.

II. Do as directed

A) Solve by long division method

$$6048 \div 9$$

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

$$1344 \div 8$$

$$\begin{array}{r} 168 \rightarrow Q \\ 8 \overline{) 1344} \\ \underline{8} \phantom{0} \phantom{0} \phantom{0} \\ 45 \phantom{0} \phantom{0} \phantom{0} \\ \underline{48} \phantom{0} \\ 64 \phantom{0} \\ \underline{64} \\ 0 \rightarrow R \end{array}$$

B. Divide the following

$$891 \div 17 =$$

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

$$758 \div 23 =$$

$$\begin{array}{r} 32 \rightarrow Q \\ 23 \overline{) 758} \\ \underline{-69} \phantom{1} \\ 68 \\ \underline{-46} \\ 22 \rightarrow R \end{array}$$

C. Divide the following

$$7891 \div 32 =$$

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

$$5268 \div 14 =$$

$$\begin{array}{r} 37 \rightarrow Q \\ 14 \overline{) 5268} \\ \underline{-42} \phantom{1} \\ 086 \\ \underline{-70} \phantom{1} \\ 16 \\ \underline{-14} \\ 2 \\ 8 \rightarrow R \end{array}$$

D. Story sums

1. How many days are there in 2280 hours?

Ans: 1 day = 24 hours

$$2280 \text{ hours } 2280 \div 24 = 95 \text{ days}$$

$\therefore$  So, 2280 hours is 95 days

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

2. In auditorium there are 5048 chairs to sit. These are arranged in 42 rows equally. How many chairs are there in each row?

Ans. Total no of chairs = 5048

No of rows = 42

∴ So, No of chairs in each row =

$$5048 \div 42 = 120$$

$$\begin{array}{r} 120 \rightarrow Q \\ 42 \overline{) 5048} \\ \underline{-42} \phantom{00} \\ 84 \phantom{0} \\ \underline{-84} \phantom{0} \\ 8 \phantom{0} \\ \underline{-0} \\ 8 \rightarrow R \end{array}$$