

Id. 06.09.21.

Exercise - 5.11

A. Divide and check your answer

$$\begin{array}{r} \textcircled{1} \quad 4614 \div 4 \\ \hline 1153 \\ 4 \overline{)4614} \\ \underline{-4} \\ 06 \\ \underline{-4} \\ 21 \\ \underline{-20} \\ 14 \\ \underline{-12} \\ 2 \end{array}$$

$$\begin{array}{r} \textcircled{2} \quad 5454 \div 3 \\ \hline 1818 \\ 3 \overline{)5454} \\ \underline{-3} \\ 24 \\ \underline{-24} \\ 05 \\ \underline{-3} \\ 24 \\ \underline{-24} \\ 0 \end{array}$$

Check -

$$1153 \times 4 + 2 = 4614 \text{ (Dividend)}$$

Ans \rightarrow Q = 1153, R = 2

Check -

$$1818 \times 3 + 0 = 5454 \text{ (Dividend)}$$

Ans \rightarrow Q = 1818, R = 0

$$\begin{array}{r} \textcircled{3} \quad 1459 \div 7 \\ \hline 208 \\ 7 \overline{)1459} \\ \underline{-14} \\ 5 \\ \underline{-0} \\ 59 \\ \underline{-56} \\ 3 \end{array}$$

Check -

$$208 \times 7 + 3 = 1459 \text{ (Dividend)}$$

Ans \rightarrow Q = 208, R = 3

$$\begin{array}{r} \textcircled{4} \quad 5342 \div 8 \\ \hline 667 \\ 8 \overline{)5342} \\ \underline{-48} \\ 54 \\ \underline{-48} \\ 62 \\ \underline{-56} \\ 6 \end{array}$$

Check -

$$667 \times 8 + 6 = 5342 \text{ (Dividend)}$$

Ans \rightarrow Q = 667, R = 6

$$\begin{array}{r} 5674 \div 4 \\ 1418 \\ \hline 4 \overline{) 5674} \\ \underline{-4} \\ 16 \\ \underline{-16} \\ 07 \\ \underline{-4} \\ 34 \\ \underline{-32} \\ 02 \end{array}$$

check -
 $1418 \times 4 + 02 = 5674(D)$

Ans - Q = 1418, R = 02

$$\begin{array}{r} 7120 \div 5 \\ 1424 \\ \hline 5 \overline{) 7120} \\ \underline{-5} \\ 21 \\ \underline{-20} \\ 12 \\ \underline{-10} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

check -
 $1424 \times 5 + 0 = 7120$
= 7120 (Dividend)

Ans - Q = 1424, R = 0

$$\begin{array}{r} 1450 \div 8 \\ 181 \\ \hline 8 \overline{) 1450} \\ \underline{-8} \\ 65 \\ \underline{-64} \\ 10 \\ \underline{-8} \\ 2 \end{array}$$

check -
 $181 \times 8 + 2 = 1450$

Ans - Q = 181, R = 2

$$\begin{array}{r} 9221 \div 5 \\ 1844 \\ \hline 5 \overline{) 9221} \\ \underline{-5} \\ 42 \\ \underline{-40} \\ 22 \\ \underline{-20} \\ 21 \\ \underline{-20} \\ 1 \end{array}$$

check -
 $1844 \times 5 + 1 = 9221$
= 9221 (Dividend)

Ans - Q = 1844
R = 1

(Do in your Math Copy and Practise)