

Exercise - 5.9

(A) Divide and check your answer

(1) $42 \div 2$ (2) $69 \div 3$

$\begin{array}{r} 2 \overline{)42} \\ \underline{-4} \\ 02 \\ \underline{-2} \\ 0 \end{array}$	$\begin{array}{r} 3 \overline{)69} \\ \underline{-6} \\ 09 \\ \underline{-9} \\ 0 \end{array}$
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check - $21 \times 2 + 0 = 42$

check -

(Dividend) $23 \times 3 + 0 = 69$
 (Dividend)
 Ans $\rightarrow Q = 21, R = 0$ Ans $\rightarrow Q = 23, R = 0$

(3) $84 \div 4$ (4) $50 \div 5$

$\begin{array}{r} 4 \overline{)84} \\ \underline{-8} \\ 04 \\ \underline{-4} \\ 0 \end{array}$	$\begin{array}{r} 10 \\ 5 \overline{)50} \\ \underline{-50} \\ 0 \end{array}$
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check -

check \rightarrow

$21 \times 4 + 0 = 84$ (Dividend) $10 \times 5 + 0 = 50$ (Dividend)

Ans $\rightarrow Q = 21, R = 0$

Ans $\rightarrow Q = 10, R = 0$

(5) $89 \div 8$ (6) $98 \div 9$

$\begin{array}{r} 11 \\ 8 \overline{)89} \\ \underline{-8} \\ 09 \\ \underline{-8} \\ 1 \end{array}$	$\begin{array}{r} 10 \\ 9 \overline{)98} \\ \underline{-90} \\ 8 \end{array}$
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check -

check =

$11 \times 8 + 1 = 89$ (Dividend) $10 \times 9 + 8 = 98$ (Dividend)

Ans - $Q = 11, R = 1$

Ans $\rightarrow Q = 10, R = 8$

$$\begin{array}{r} 100 \\ 8 \overline{) 800} \\ \underline{- 80} \\ 00 \\ \underline{- 00} \\ 00 \\ \underline{- 00} \\ 0 \end{array}$$

check - $100 \times 8 + 0 = 800$ (Dividend)

Ans $\rightarrow Q = 100, R = 0$

$$\begin{array}{r} 101 \\ 7 \overline{) 707} \\ \underline{- 70} \\ 00 \\ \underline{- 00} \\ 07 \\ \underline{- 07} \\ 0 \end{array}$$

check - $101 \times 7 + 0 = 707$ (Dividend)

Ans $\rightarrow Q = 101, R = 0$

$$\begin{array}{r} 110 \\ 6 \overline{) 660} \\ \underline{- 60} \\ 06 \\ \underline{- 06} \\ 00 \\ \underline{- 00} \\ 0 \end{array}$$

check - $110 \times 6 + 0 = 660$ (Dividend)

Ans $\rightarrow Q = 110, R = 0$

$$\begin{array}{r} 101 \\ 5 \overline{) 508} \\ \underline{- 50} \\ 00 \\ \underline{- 00} \\ 08 \\ \underline{- 05} \\ 3 \end{array}$$

check - $101 \times 5 + 3 = 508$ (Dividend)

Ans $\rightarrow Q = 101, R = 3$

$$\begin{array}{r} 201 \\ 4 \overline{) 807} \\ \underline{- 80} \\ 00 \\ \underline{- 00} \\ 07 \\ \underline{- 04} \\ 3 \end{array}$$

check - $201 \times 4 + 3 = 807$

Ans $\rightarrow Q = 201, R = 3$

$$\begin{array}{r} 231 \\ 3 \overline{) 693} \\ \underline{- 60} \\ 09 \\ \underline{- 09} \\ 03 \\ \underline{- 03} \\ 0 \end{array}$$

check - $231 \times 3 + 0 = 693$

Ans $\rightarrow Q = 231, R = 0$