

Date .07.09.21

# Exercise 5-11

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11)  $8317 \div 7$

$$\begin{array}{r}
 1188 \\
 7 \overline{) 8317} \\
 \underline{- 7} \phantom{0} \phantom{0} \phantom{0} \\
 13 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{- 7} \phantom{0} \phantom{0} \phantom{0} \\
 61 \phantom{0} \phantom{0} \\
 \underline{- 56} \phantom{0} \\
 57 \\
 \underline{- 56} \\
 1
 \end{array}$$

check -

$$1188 \times 7 + 1 = 8317 (D)$$

Ans  $\rightarrow Q = 1188, R = 1$

12)  $5154 \div 6$

$$\begin{array}{r}
 859 \\
 6 \overline{) 5154} \\
 \underline{- 48} \phantom{0} \phantom{0} \\
 035 \phantom{0} \\
 \underline{- 30} \phantom{0} \\
 54 \\
 \underline{- 54} \\
 0
 \end{array}$$

check -

$$859 \times 6 + 0 = 5154 (D)$$

Ans  $\rightarrow Q = 859$

$(R) = R = 0$

13)  $7165 \div 2$

$$\begin{array}{r}
 3582 \\
 2 \overline{) 7165} \\
 \underline{- 6} \phantom{0} \phantom{0} \phantom{0} \\
 11 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{- 10} \phantom{0} \phantom{0} \phantom{0} \\
 16 \phantom{0} \phantom{0} \\
 \underline{- 16} \phantom{0} \\
 05 \\
 \underline{- 4} \\
 1
 \end{array}$$

check -

$$3582 \times 2 + 1 = 7165 (D)$$

Ans  $\rightarrow Q = 3582, R = 1$

14)  $8495 \div 2$

$$\begin{array}{r}
 4247 \\
 2 \overline{) 8495} \\
 \underline{- 8} \phantom{0} \phantom{0} \phantom{0} \\
 4 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{- 4} \phantom{0} \phantom{0} \phantom{0} \\
 09 \phantom{0} \\
 \underline{- 8} \phantom{0} \\
 15 \\
 \underline{- 14} \\
 1
 \end{array}$$

check -

$$4247 \times 2 + 1 = 8495 (D)$$

Ans  $\rightarrow Q = 4247, R = 1$

15)  $5067 \div 5$

$$\begin{array}{r}
 1013 \\
 5 \overline{) 5067} \\
 \underline{- 5} \phantom{0} \phantom{0} \phantom{0} \\
 00 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{- 0} \phantom{0} \phantom{0} \phantom{0} \\
 06 \phantom{0} \phantom{0} \\
 \underline{- 5} \phantom{0} \phantom{0} \\
 17 \phantom{0} \\
 \underline{- 15} \\
 2
 \end{array}$$

check -

$$1013 \times 5 + 2 = 5067 (D)$$

Ans  $\rightarrow Q = 1013, R = 2$

16)  $3275 \div 3$

$$\begin{array}{r}
 1091 \\
 3 \overline{) 3275} \\
 \underline{- 3} \phantom{0} \phantom{0} \phantom{0} \\
 02 \phantom{0} \phantom{0} \phantom{0} \\
 \underline{- 0} \phantom{0} \phantom{0} \phantom{0} \\
 27 \phantom{0} \phantom{0} \\
 \underline{- 27} \phantom{0} \\
 05 \\
 \underline{- 3} \\
 2
 \end{array}$$

check -

$$1091 \times 3 + 2 = 3275 (D)$$

Ans  $\rightarrow Q = 1091, R = 2$

(17)  $9999 \div 8$

$$\begin{array}{r} 1249 \\ 8 \overline{) 9999} \\ \underline{-8} \phantom{00} \\ 19 \phantom{00} \\ \underline{-16} \phantom{00} \\ 39 \phantom{00} \\ \underline{-32} \phantom{00} \\ 79 \\ \underline{-72} \\ 7 \end{array}$$

check -

$1249 \times 8 + 7 = 9999 (D)$

Ans - Q = 1249, R = 7

(18)  $7447 \div 4$

$$\begin{array}{r} 1861 \\ 4 \overline{) 7447} \\ \underline{-4} \phantom{00} \\ 34 \phantom{00} \\ \underline{-32} \phantom{00} \\ 24 \phantom{00} \\ \underline{-24} \phantom{00} \\ 07 \\ \underline{-4} \\ 3 \end{array}$$

check -

$1861 \times 4 + 3 = 7447 (D)$

Ans  $\rightarrow$  Q = 1861, R = 3

(19)  $8345 \div 9$

$$\begin{array}{r} 927 \\ 9 \overline{) 8345} \\ \underline{-81} \phantom{00} \\ 24 \phantom{00} \\ \underline{-18} \phantom{00} \\ 65 \phantom{00} \\ \underline{-63} \phantom{00} \\ 2 \end{array}$$

check -

$927 \times 9 + 2 = 8345 (D)$

Ans - Q = 927, R = 2

(20)  $5701 \div 3$

$$\begin{array}{r} 1900 \\ 3 \overline{) 5701} \\ \underline{-3} \phantom{00} \\ 27 \phantom{00} \\ \underline{-27} \phantom{00} \\ 00 \phantom{00} \\ \underline{-00} \phantom{00} \\ 01 \\ \underline{-0} \\ 1 \end{array}$$

check -

$1900 \times 3 + 1 = 5701 (D)$

Ans  $\rightarrow$  Q = 1900, R = 1

(Do in copy and practice in your rough copy)