Exercise 3D

Q5

Answer :

(i) We have:

$43.2 \div 6$

$$
\begin{array}{r|l}
6 & 43.2 \\
-42 & \\
\hline
12 & \\
-12 & \\
\hline
\times &
\end{array}
\quad 7.2
$$

$\therefore 43.2 \div 6 = 7.2$

(ii) We have:

$60.48 \div 12$

$$
\begin{array}{r|l}
12 & 60.48 \\
-60 & \\
\hline
04 & \\
-0 & \\
\hline
48 & \\
-48 & \\
\hline
\times &
\end{array}
\quad 5.04
$$

$\therefore 60.48 \div 12 = 5.04$

(iii) We have:

$117.6 \div 21$

$$
\begin{array}{r|l}
21 & 1176 \\
-105 & \\
\hline
126 &
\end{array}
\quad 5.6
$$

$$\begin{array}{r} -126 \\ \hline \times \end{array}$$

$\therefore 117.6 \div 21 = 5.6$

(iv) We have:

$217.44 \div 18$

$$\begin{array}{r|l} 18 & 217.44 \,(12.08 \\ -18 & \\ \hline 37 & \\ -36 & \\ \hline 144 & \\ -144 & \\ \hline \times & \end{array}$$

$\therefore 217.44 \div 18 = 12.08$

(v) We have:

$2.575 \div 25$

$$\begin{array}{r|l} 25 & 2.575 \,(0.103 \\ -0 & \\ \hline 25 & \\ -25 & \\ \hline \times 7 & \\ -0 & \\ \hline 75 & \\ -75 & \\ \hline \times & \end{array}$$

$\therefore 2.575 \div 25 = 0.103$

(vi) We have:

$6.08 \div 8$

$$\begin{array}{r|l} 8 & 6.08 \,(0.76 \\ -0 & \\ \hline 60 & \end{array}$$

$$
\begin{array}{r}
\\
-56\\
\hline
48\\
-48\\
\hline
\times
\end{array}
$$

$\therefore 6.08 \div 8 = 0.76$

********** END **********