

Exercise 10 → (F)

1) 0.406 by 29

Ans $\rightarrow 0.406 \div 29 = \frac{406}{1000} \times \frac{1}{29}$
 $= \frac{14}{1000} = 0.014$

2) 24.9 by 300

Ans \rightarrow

$$\begin{array}{r} 0.083 \\ 300 \overline{) 24.9} \\ \underline{- 0} \downarrow \\ 249 \\ \underline{- 0} \\ 2490 \\ \underline{- 2400} \\ 900 \\ \underline{- 900} \\ 0 \end{array}$$

$= 0.083$

Rough
work

3) 147.2 by 230
0.64

Ans)
$$\begin{array}{r} 230 \overline{) 147.2} \\ \underline{- 0} \downarrow \\ 1472 \\ \underline{\leftarrow 1380} \\ 920 \\ \underline{- 920} \\ 0 \end{array}$$

= 0.64

$$\begin{array}{r} 230 \\ \times 6 \\ \hline 1380 \end{array}$$

4) 650.3 by 7000
0.0929

Ans)
$$\begin{array}{r} 7000 \overline{) 650.3} \\ \underline{\leftarrow 0} \downarrow \\ 6503 \\ \underline{- 0} \\ 65030 \\ \underline{- 63000} \\ 20300 \\ \underline{- 14000} \\ 63000 \\ \underline{- 63000} \\ 0 \end{array}$$

= 0.0929

5) 17.4 by 2000

Ans)

$$\begin{array}{r}
 2000 \overline{) 17.4} \\
 \underline{- 0} \downarrow \\
 174 \\
 \underline{- 0} \\
 1740 \\
 \underline{- 0} \\
 17400 \\
 \underline{- 16000} \\
 14000 \\
 14000 \\
 \hline
 0
 \end{array}$$

= 0.0087

6) 108.8 by 8000

Ans)

$$\begin{array}{r}
 8000 \overline{) 108.8} \\
 \underline{- 0} \downarrow \\
 1088 \\
 \underline{- 0} \\
 10880 \\
 \underline{- 8000} \\
 28800 \\
 \underline{- 24000} \\
 48000 \\
 48000 \\
 \hline
 0
 \end{array}$$

= 0.0136

7) 0.8432 by 0.8

Ans >

$$\begin{aligned}
 &0.8432 \times 10 \\
 &= 8.432 \\
 &0.8 \times 10 \\
 &= 8 \\
 &\cancel{0.8432}
 \end{aligned}$$

$$= 1.054$$

$$\begin{array}{r}
 1.054 \\
 \hline
 0.8 \overline{) 8.432} \\
 \underline{-8} \\
 04 \\
 \underline{-0} \\
 43 \\
 \underline{-40} \\
 32 \\
 \underline{-32} \\
 0
 \end{array}$$

8) 316.96 by 0.028

Ans > $(316.96 \times 1000 \div 0.028 \times 1000)$

$$= 316960 \div 28$$

$$\begin{array}{r}
 11320 \\
 28 \overline{) 316960} \\
 \underline{\rightarrow 28} \\
 36 \\
 \underline{-28} \\
 89 \\
 \underline{-84} \\
 56 \\
 \underline{-56} \\
 00
 \end{array}$$