

EXERCISE 10 (F)

Divide

(1) 0.406 by 29

$$\begin{array}{r} 14 \\ 29 \overline{) 406} = 0.014 \\ \underline{-406} \\ 0 \end{array}$$

(2) 24.9 by 300

$$\begin{array}{r} 83 \\ 300 \overline{) 24.900} = 0.083 \\ \underline{-2400} \downarrow \\ 900 \\ \underline{-900} \\ 0 \end{array}$$

(3) 147.2 by 230

$$\begin{array}{r} 64 \\ 230 \overline{) 147.20} = 0.64 \\ \underline{-1380} \downarrow \\ 920 \\ \underline{-920} \\ 0 \end{array}$$

(4) 650.3 by 7000

$$\begin{array}{r} 929 \\ 7000 \overline{) 65030.00} \\ \underline{-63000} \downarrow \\ 20300 \\ \underline{-14000} \downarrow \\ 63000 \\ \underline{-63000} \\ 0 \end{array} \approx 0.0929$$

(5) 17.4 by 2000

$$\begin{array}{r} 87 \\ 2000 \overline{) 174000} \\ \underline{-16000} \downarrow \\ 14000 \\ \underline{-14000} \\ 0 \end{array} \Rightarrow 0.0087$$

(6) 108.8 by 8000

$$\begin{array}{r} 0.0136 \\ 8000 \overline{) 108.8000} \\ \underline{-8000} \downarrow \\ 28800 \\ \underline{-24000} \downarrow \\ 48000 \\ \underline{-48000} \\ 0 \end{array} \Rightarrow 0.0136$$

(7) 0.8432 by 0.8

$$0.8432 \div 0.8 = \frac{0.8432}{0.8} = \frac{0.8432 \times 10}{0.8 \times 10} = \frac{8.432}{0.8}$$

$$\begin{array}{r} 1054 \\ 8 \overline{) 8.432} \\ \underline{-80} \downarrow \\ 43 \\ \underline{-40} \downarrow \\ 32 \\ \underline{-32} \\ 0 \end{array} = 1.054$$

(8) 316.96 by 0.028.

$$316.96 \div 0.028 = \frac{316.96 \times 100}{0.028 \times 100} = \frac{31696}{2.8}$$

$$\begin{array}{r}
 1132 \\
 2800 \overline{) 3169600} \\
 \underline{- 2800} \downarrow \\
 3696 \downarrow \\
 \underline{- 2800} \downarrow \\
 8960 \downarrow \\
 \underline{- 8400} \downarrow \\
 5600 \\
 \underline{- 5600} \\
 0
 \end{array}
 = 0.1132$$