

8/11/21

Decimal fraction

Exercise 10 (F)

$$1) 0.406 \div 29 = \frac{406}{1000} \times \frac{1}{29} = 0.014$$

or

$$\begin{array}{r} 29 \overline{) 0.406} \quad | \quad 0.014 \\ \underline{0} \downarrow \\ 0.4 \\ \underline{0} \downarrow \\ 40 \\ \underline{29} \\ 116 \\ \underline{116} \\ 0 \end{array}$$

$$2) 24.9 \div 300$$

$$24.9 \div 300 = \frac{249}{10} \times \frac{1}{300} = \frac{249}{3000} = 0.083$$

$$3) 147.2 \div 230$$

$$147.2 \div 230 = \frac{1472}{10} \times \frac{1}{230} = \frac{1472}{2300} = 0.64$$

4) $650.3 \div 2000$

$$650.3 \div 2000 = \frac{6503}{10} \times \frac{1}{2000} = \frac{6503}{20000} = 0.0929$$

5) $17.4 \div 2000$

$$17.4 \div 2000 = \frac{174}{10} \times \frac{1}{2000} = \frac{174}{20000} = 0.0087$$

6) $108.8 \div 8000$

$$108.8 \div 8000 = \frac{1088}{10} \times \frac{1}{8000} = 0.0135$$

7) $0.8432 \div 0.8$

$$0.8432 \div 0.8 = \frac{0.8432}{0.8} = \frac{0.8432 \times 10}{0.8 \times 10} = \frac{8.432}{8}$$

8	8.432	16054
8	↓	
	04	
	00	
	43	
	40	
	32	
	32	
	0	

Ans = 1.054

8) $316.96 \div 0.028$

$$316.96 \div 0.028 = \frac{31696}{0.28} = \frac{31696 \times 100}{0.28 \times 100} = \frac{3169600}{28} = 113200$$

$$\begin{array}{r} 28 \overline{) 3169600} \\ \underline{28} \\ 36 \\ \underline{28} \\ 89 \\ \underline{87} \\ 26 \\ \underline{00} \\ 260 \end{array}$$