

EXERCISE 10(F)

1.	10	100	1000
(a)	$12 = 1.2$	12	0.12
(b)	$75 = 7.5$	0.75	0.075
(c)	$1767 = 176.7$	17.07	1.767
(d)	$89.75 = 8.975$	0.8975	0.0875
(e)	$201.2 = 20.12$	2.012	0.2012
(f)	$0.89 = 0.089$	0.0089	0.00089
(g)	$0.08 = 0.008$	0.0008	0.00008
(h)	$0.0076 = 0.00076$	0.000076	0.0000076

2. Write down the values

$$\begin{aligned}
 & 64.83 \div 100 = \frac{6483}{100} \div 100 = \frac{6483}{100} \times \frac{1}{100} \\
 & = \frac{6483}{10000} = 0.6483
 \end{aligned}$$

$$1.6) 328 \div 1000$$

$$= \frac{328}{1000} \div 1000 = \frac{328}{1000} \times \frac{1}{1000} = \frac{328}{1000000}$$

$$= 000.328$$

$$2) 1748 \div 100$$

$$= \frac{1748}{100} \div 100 = 17.48$$

$$3) 328 \div 1000$$

$$328 \div 1000 = 328 \times \frac{1}{1000} = \frac{328}{1000} = 0.328$$

$$4) 1748 \div 10$$

$$= \frac{1748}{100} \div 10 = \frac{1748}{100} \times \frac{1}{10} = \frac{1748}{1000}$$

$$= 1.748$$

$$(d) 217.4 \div 100$$

$$= \frac{2174}{10} \div 100 = \frac{2174}{10 \times 100} \times \frac{1}{100} = \frac{2174}{10000}$$

$$= 0.2174$$

$$(e) 4648 \div 1000$$

$$= 4648 \div 1000 = 4648 \times \frac{1}{1000} = \frac{4648}{1000}$$

$$= 4.648$$

$$(f) 547.8 \div 1000$$

$$= \frac{5478}{10} \div 1000 = \frac{5478}{10 \times 1000} \times \frac{1}{1000}$$

$$= \frac{5478}{10000} = 0.5478$$

$$(g) 3.6 \div 10000$$

$$= \frac{36}{10} \div 10000 = \frac{36}{10 \times 10000} \times \frac{1}{10000} = \frac{36}{1000000}$$

$$= 0.00036$$

$$\text{Ex 1 } 47.6 \div 10000$$

$$\frac{476}{10^5} \div 10000 = \frac{476}{10} \times \frac{1}{10000} = \frac{476}{100000}$$

$$= 0.00476$$