

Ex-10(D)

1.
 a)
$$\begin{array}{r} 0.4262 \\ \times 11 \\ \hline 04262 \\ +04262 \\ \hline 04.6882 \end{array}$$
 b)
$$\begin{array}{r} 0.487 \\ \times 240 \\ \hline 10000 \\ +11948 \\ +0974 \\ \hline 116.880 \end{array}$$
 i)
$$\begin{array}{r} 50.05 \\ \times 50 \\ \hline 0000 \\ +25025 \\ \hline 2502.50 \end{array}$$
 j)
$$\begin{array}{r} 100.01 \\ \times 200 \\ \hline 00000 \\ +20002 \\ \hline 20002.00 \end{array}$$

2.
 a)
$$\begin{array}{r} 18.4 \\ \times 0.12 \\ \hline 2.208 \end{array}$$
 b)
$$\begin{array}{r} 0.3146 \\ \times 0.05 \\ \hline 0.01573 \end{array}$$
 c)
$$\begin{array}{r} 1.32 \\ \times 0.0008 \\ \hline 0.001056 \end{array}$$
 d)
$$\begin{array}{r} 0.004 \\ \times 0.016 \\ \hline 0.000256 \end{array}$$

e)
$$\begin{array}{r} 1.18 \\ \times 0.07 \\ \hline 0.037996 \end{array}$$
 f)
$$\begin{array}{r} 0.1 \\ \times 0.1 \\ \hline 0.01 \end{array}$$
 g)
$$\begin{array}{r} 3.48 \\ \times 0.5 \\ \hline 27.84 \end{array}$$
 h)
$$\begin{array}{r} 0.03 \\ \times 0.03 \\ \hline 0.000027 \end{array}$$

3. a)
$$\begin{array}{r} 3.24 \times 12 = 3.24 \\ \times 12 \\ \hline 648 \\ +324 \\ \hline 38.88 \end{array}$$
 Ans = 38.88

$$b) 32.4 \times 12 = 388.8$$

Ans- 388.8

$$\begin{array}{r} 32.4 \\ \times 12 \\ \hline 648 \\ + 3240 \\ \hline 388.8 \end{array}$$

$$c) 0.324 \times 12 = 3.888$$

Ans- 3.888

$$\begin{array}{r} 0.324 \\ \times 12 \\ \hline 0648 \\ + 03240 \\ \hline 3.888 \end{array}$$

$$d) 0.00324 \times 12 = 0.03888$$

Ans- 0.03888

$$\begin{array}{r} 0.00324 \\ \times 12 \\ \hline 000648 \\ + 0003240 \\ \hline 0.03888 \end{array}$$

$$4. a) 61.46 \times 9 = 553.14$$

$$b) 0.6146 \times 9 = 5.5314$$

$$c) 6146 \times 9 = 55,314$$

$$d) 6.146 \times 9 = 55.314$$

$$e) 0.06146 \times 9 = 0.55314$$

5. a) $2.48 \times 60 = 148.8$

b) $2.48 \times 600 = 1,488$

c) $2.48 \times 0.6 = 1.488$

d) $2.48 \times 0.06 = 0.1488$

e) $2.48 \times 6000 = 14,880$

5. a) $0.562 \times 7 = 3.934$

b) $562 \times 7 = 3,934$

c) $0.0562 \times 7 = 0.3934$

d) $5.62 \times 7 = 39.34$

Exercise 10 (E)

1.	<u>10</u>	<u>100</u>	<u>1000</u>
a) 12 -	1.2	0.12	0.012
b) 75 -	7.5	0.75	0.075
c) 1767 -	176.7	17.67	1.767
d) 18.79 -	1.879	0.1879	0.01879
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.

a) $64.83 \div 100 = 0.6483$

b) $328 \div 1000 = 0.328$

c) $17.48 \div 10 = 1.748$

d) $217.4 \div 100 = 2.174$

e) $4648 \div 1000 = 4.648$

f) $547.8 \div 1000 = 0.5478$

g) $3.6 \div 10000 = 0.00036$

h) $47.6 \div 10000 = 0.00476$

Exercise 10 (F)

6. $108.8 \text{ by } 8000 = 8000 \overline{) 108.8}$ 4800

- 0	- 0
108.8	48000
- 0	- 48000
10880	0
- 8000	
2880	
- 0	
28800	
- 24000	
4800	

Ans: 0.0136

7. 0.8432 by $0.8 = 0.8 \overline{) 1.054}$

$$\begin{array}{r}
 1.054 \\
 \underline{0.8} \\
 04 \\
 \underline{0} \\
 043 \\
 \underline{0} 40 \\
 032 \\
 \underline{0} 32 \\
 00
 \end{array}$$

Ans- 1.054

8. 316.96 by $0.028 = 0.028 \overline{) 11320}$

$$\begin{array}{r}
 11320 \\
 \underline{28} \\
 36 \\
 \underline{0} 28 \\
 89 \\
 \underline{0} 84 \\
 56 \\
 \underline{0} 56 \\
 00 \\
 \underline{0} 00 \\
 00
 \end{array}$$

Ans- 11320