HW

EX 10[C]

Q1.

(f) 123.6 = 123.6 X 10 = 1236
123.6 x 100 = 12360
123.6 x 1000 = 123600

(g) 0.0009
0.0009 X 10 = 00.009
0.0009 x 100 = 000.09
0.0009 X 1000 = 0009

(h) 15.002
15.002 X 10 = 150.02
15.002 X 100 = 1500.2
15.002 X 1000 = 15002

2. (a) 0.4837 X 1000 = 0483.7

(b) 0.389 X 10000 = 03890

(c) 123.8 X 100 = 12380

(d) 3.208 X 10 = 32.08

(e) 0.0007 X 100 = 000.07

(f) $3.017 \times 10 = 30.17$

(g) $1008.2 \times 100 = 100820$

(h) $0.0309 \times 1000 = 0030.9$

EXIO [D]

1. (e) 0.47×375

$$\begin{array}{r} 0.47 \\ \times 375 \\ \hline 235 \\ 3290 \\ +14100 \\ \hline 17625 \end{array}$$

(f) 2.008×156

$$\begin{array}{r} 2.008 \\ \times 156 \\ \hline 048 \\ 0400 \\ +00800 \\ \hline 1.248 \end{array}$$

(g) 0.4262×11

$$\begin{array}{r} 0.4262 \\ \times\ 11 \\ \hline 4262 \\ +\ 42620 \\ \hline 4.6882 \end{array}$$

(h) 0.487×240

$$\begin{array}{r} 0.487 \\ \times 240 \\ \hline 0000 \\ 18480 \\ +\ 97400 \\ \hline 116880 \end{array}$$

(i) 50.05×50

$$\begin{array}{r} 50.05 \\ \times\ 50 \\ \hline 00 \\ +\ 250 \\ \hline 2502.50 \end{array}$$

(j) 100.01 x 200

100.01
x200
00
+0200
02.00

~~2 (a) 18 4x~~

2. (e) 1.18 x 0.46 x 0.07

(3)
(4)
1.18
x0.46
108
+720
0.5428

(2)(0)(5)
0.5428
x 0.07
37996
+000000
0.037996

(f) $0.1 \times 1 \times 0.1$

$$\begin{array}{r} 0.1 \\ \times\ 1 \\ \hline 0.1 \end{array}$$

$$\begin{array}{r} 0.1 \\ \times 0.1 \\ \hline 0.01 \end{array}$$

(g)

$$\begin{array}{r} 3.\overset{4}{9}\overset{1}{6} \\ \times\ 16 \\ \hline 248 \\ +\ 180 \\ \hline 7.28 \end{array}$$

$$\begin{array}{r} 7.\overset{4}{2}8 \\ \times 0.5 \\ \hline 0.140 \end{array}$$

(h) $0.03 \times 0.03 \times 0.03$

$$\begin{array}{r} 0.03 \\ \times 0.03 \\ \hline 09 \\ +0000 \\ \hline 0.0009 \end{array}$$

$$\begin{array}{r} 0.0009 \\ \times 0.03 \\ \hline 27 \\ +00000 \\ \hline 0.000027 \end{array}$$

3. (a) $324 \times 12 = 38.88$
(b) $324 \times 12 = 388.8$
(c) $0.324 \times 12 = 3.888$
(d) $0.00324 \times 12 = 0.03888$