d 2.4861 = 24.861, 248.61, 2486.1

e 51.835 = 5.1835, 51835, 518.35

a 0.481 = 4.81, 48.1, 481

b. 0.5671 = 5.671, 56.71, 567.1

c) 6.663 = 60.63, 606.3, 6063

d) 2.4861 = 24.861, 248.61, 2486.1

e) 51.835 = 518.35, 5183.5, 51835

HW

f) 123.6 = 1236, 12360, 123600

g) 0.0009 = 00.009, 000.09, 0000.9

h) 15.002 = 150.02, 1500.2, 15002

2) Find the values of the following:

(a) $0.4837 \times 1000 = 483.7$ (b) $0.389 \times 10000 = 3890$

(c) $123.8 \times 100 = 12380$ (d) $3.208 \times 10 = 32.08$

HW

(e) $0.0007 \times 100 = 00.07$ (f) $3.017 \times 10 = 30.17$

(g) $1008.2 \times 100 = 100820$ (h) $0.0309 \times 1000 = 30.9$

EXERCISE 10(D)

1) Find the product.

(a) $1.88 \times 16 =$

$$\begin{array}{r} 1.88 \\ \times\ 16 \\ \hline 1128 \\ +\ 1880 \\ \hline 30088 \end{array}$$

30.08

(b)
$$\begin{array}{r} 16.32 \\ \times\ \ 8 \\ \hline 130.26 \end{array}$$

(c)
$$\begin{array}{r} 41.08 \\ \times\ 32 \\ \hline 8216 \\ 123240 \\ \hline 1314.56 \end{array}$$

$= 1314.56$

(d)
$$\begin{array}{r} 4.032 \\ \times\ \ 85 \\ \hline 20160 \\ 322560 \\ \hline 342720 \end{array}$$

$= 342.720$

(e)
$$\begin{array}{r} 0.47 \\ \times\ 375 \\ \hline 235 \\ +3290 \\ \hline 14100 \\ \hline 17615 \end{array}$$

176.15

f) $2.008 \times 150 =$

$$\begin{array}{r} 2.008 \\ \times\ 150 \\ \hline 0000 \\ +\ 100400 \\ 200800 \\ \hline 301200 \end{array} = 301.200$$

(g) 4262×11

$$\begin{array}{r} 4262 \\ \times\ 11 \\ \hline +\ 4262 \\ 42620 \\ \hline 46882 \end{array} = 0.46882$$

HW

(b) 0.487×240

$$\begin{array}{r} 0.487 \\ \times\ 240 \\ \hline 000 \\ 19480 \\ 97400 \\ \hline 116880 \end{array} = 116.880$$

(i) 50.50×50

$$\begin{array}{r} 50.50 \\ \times\ 50 \\ \hline 0000 \\ +\ 255200 \\ \hline 255200 \end{array} = 2552.00$$

j) 100.01×200

$$\begin{array}{r} 100.01 \\ \times\ 200 \\ \hline 00000 \\ 0000000 \\ \hline 2000200 \end{array} = 2002.00$$

2) Find the product:

(a) $18.4 \times 0.12 = \frac{184}{100} \times \frac{12}{10} = \frac{2208}{1000} = 2.208$

(b) $0.3146 \times 0.05 = \frac{3146}{10000} \times \frac{05}{100} = \frac{15730}{1000000}$

$= 0.01573$

(c) $1.32 \times 0.0008 = \frac{132}{100} \times \frac{0008}{10000} = \frac{0.001056}{1000000}$

(d) $0.004 \times 0.064 = \frac{004}{1000} \times \frac{064}{1000} = \frac{0.000256}{1000000}$

(e) $1.18 \times 0.46 \times 0.07 = \frac{118}{100} \times \frac{46}{100} \times \frac{07}{100} = \frac{0.037996}{1000000}$

(f) $0.1 \times 1 \times 0.1 = \frac{01}{10} \times \frac{1}{1} \times \frac{01}{10} = \frac{0.01}{100} = 0.01$

(g) $3.48 \times 16 \times 0.5 = \frac{348}{100} \times \frac{16}{1} \times \frac{05}{10} = \frac{21.840}{1000}$

(h) $0.03 \times 0.03 \times 0.03 = \frac{03}{100} \times \frac{03}{100} \times \frac{03}{100} = \frac{0.00002}{1000000}$