

## Exercise 10(c)

1.

f)  $123.6 = a) 123.6 \times 10 = 1236$

b)  $123.6 \times 100 = 12360$

c)  $123.6 \times 1000 = 123600$

\*g)  $0.009 = a) 0.009 \times 10 = 0.09$

b)  $0.009 = 0.009 \times 100 = 0.9$

c)  $0.009 \times 1000 = 9$

h)  $15.002 = 15.002 \times 10 = 150.02$

i)  $15.002 \times 100 = 1500.2$

j)  $15.002 \times 1000 = 15002$

2.

a)  $0.4837 \times 1000 = 483.7$

b)  $0.389 \times 10000 = 3890$

c)  $123.8 \times 100 = 12380$

d)  $3.208 \times 10 = 32.08$

e)  $0.007 \times 100 = 0.7$

f)  $3.017 \times 10 = 30.17$

g)  $1008.2 \times 100 = 100820$

h)  $0.0309 \times 1000 = 30.9$

Exercise 10 (D)

$$\begin{array}{r} 0.4262 \\ \times \quad .11 \\ \hline 04262 \\ 042620 \\ \hline 04.6882 \end{array}$$



h)  $0.487 \times 240$

$$\begin{array}{r}
 0.487 \\
 \times 240 \\
 \hline
 0000 \\
 19480 \\
 +097400 \\
 \hline
 116880
 \end{array}$$

i)  $50.05$

$$\begin{array}{r}
 50.05 \\
 \times 50 \\
 \hline
 0000 \\
 250250 \\
 \hline
 250250
 \end{array}$$

j)  $100.01$

$$\begin{array}{r}
 100.01 \\
 \times 200 \\
 \hline
 00000 \\
 000000 \\
 200200 \\
 \hline
 200200
 \end{array}$$

2.

b)  $0.3146 \times 0.05$

$$\begin{array}{r}
 \phantom{0.} \overset{23}{3}146 \\
 \times \phantom{0.} 0.05 \\
 \hline
 01.5730 \\
 000000 \\
 000000 \\
 \hline
 00.15730
 \end{array}$$

c)

$$\begin{array}{r}
 \phantom{0.} \overset{21}{1}32 \\
 \times \phantom{0.} 0.0008 \\
 \hline
 1056 \\
 0000 \\
 000000 \\
 000000 \\
 000000 \\
 000000 \\
 \hline
 000.1056
 \end{array}$$



$$\begin{array}{r}
 \phantom{0.} \overset{2}{1} \\
 d) \cdot 0.004 \\
 \underline{0.064} \\
 00 \ 016 \\
 00 \ 240 \\
 \hline
 00.256
 \end{array}$$

e)  $1.18 \times 0.46 \times 0.07$

$$\begin{array}{r}
 \phantom{1.} \overset{3}{1} \\
 1.18 \\
 \times 0.46 \\
 \hline
 0700 \\
 4720 \\
 0000 \\
 \hline
 05420
 \end{array}$$

$$\begin{array}{r}
 0.07 \\
 \hline
 037940 \\
 000000 \\
 000000 \\
 \hline
 0379.40
 \end{array}$$

f)  $0.1 \times 1 \times 0.1$

$$\begin{array}{r}
 0.1 \quad 0.1 \\
 \times 1 \quad \times 0.1 \\
 \hline
 0.1 \quad 0.1 \\
 00 \quad 00 \\
 \hline
 0.1 \quad 0.1
 \end{array}$$

g)  $3.48 \times 26 \times 0.5$

$$\begin{array}{r}
 \overset{1}{3}.\overset{2}{4}\overset{3}{8} \cdot \overset{2}{5}\overset{3}{5}.\overset{4}{6}\overset{1}{8} \\
 \times 26 \\
 \hline
 208 \\
 3480 \\
 \hline
 55.68 \\
 \end{array}$$
  

$$\begin{array}{r}
 27840 \\
 + 00000 \\
 \hline
 278.40
 \end{array}$$

h)  $0.03 \times 0.03 \times 0.03$

$$\begin{array}{r}
 0.03 \\
 \times 0.03 \\
 \hline
 0009 \\
 00600 \\
 09060 \\
 \hline
 000.027
 \end{array}$$

$$\begin{array}{r}
 0.03 \\
 \times 0.03 \\
 \hline
 00027 \\
 000000 \\
 000000 \\
 \hline
 00000.27
 \end{array}$$