

$$1 f) 123.6 = 123.6 \times 10 = 1236$$

$$123.6 \times 100 = 12360 \quad 123.6 \times 1000 = 123600$$

$$g) 0.0009 = 0.0009 \times 10 = 0.009 \quad 0.0009 \times 100 = 0.09$$

$$0.0009 \times 1000 = 0.9$$

$$h) 15.002 = 15.002 \times 10 = 150.02 \quad 15.002 \times 100 = 1500.2$$

$$15.002 \times 1000 = 15002$$

2 15. a) Find the values of the following:

$$a) 0.4837 \times 1000 = 483.7$$

$$b) 0.389 \times 10000 = 3890$$

$$c) 123.8 \times 100 = 12380$$

$$d) 3.208 \times 10 = 32.08$$

$$e) 0.0007 \times 100 = 0.07$$

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.

g) 0.4262×11

$$\begin{array}{r}
 0.4262 \\
 \times 11 \\
 \hline
 04262 \\
 + 04262 \times \\
 \hline
 4.6882
 \end{array}$$

h)

$$\begin{array}{r}
 0.487 \\
 \times 240 \\
 \hline
 0000 \\
 1948 \times \\
 + 0974 \times \times \\
 \hline
 116.880
 \end{array}$$

$$\begin{array}{r}
 i) \quad 50.05 \\
 \quad \quad \underline{\times 50} \\
 \quad \quad 0000 \\
 + 2502.5X \\
 \hline
 2502.50
 \end{array}$$

$$\begin{array}{r}
 j) \quad 100.01 \\
 \quad \quad \underline{\times 200} \\
 \quad \quad 00000 \\
 \quad \quad 00000X \\
 + 20002XX \\
 \hline
 20002.00
 \end{array}$$

2 b)

$$\begin{array}{r}
 0.3146 \\
 \times 0.05 \\
 \hline
 15730 \\
 00000X \\
 + 00000XX \\
 \hline
 0.015730
 \end{array}$$

c)

$$\begin{array}{r}
 0.0008 \\
 \times 1.32 \\
 \hline
 000016 \\
 00024X \\
 + 0008XX \\
 \hline
 0.01056
 \end{array}$$

d)

$$\begin{array}{r}
 0.004 \\
 \times 0.064 \\
 \hline
 00016 \\
 00024X \\
 + 0000XX \\
 \hline
 0.000256
 \end{array}$$

e)

$$\begin{array}{r} 1.18 \\ \times 0.46 \\ \hline 708 \\ 472 \\ \hline .5428 \\ 0.07 \\ \hline 0.037996 \end{array}$$

f) $0.1 \times 1 \times 0.1 = 0.01$

g) $3.48 \quad 16 \times 0.5 = 8$

$$\begin{array}{r} 3.48 \\ \times 8 \\ \hline 27.84 \end{array}$$

h) $0.03 \times 0.03 \times 0.03 = 0.00027$