Homework

Exercise 10 [C]

1)

f) $123.6 = 123.6 \times 10 = 1236$, $123.6 \times 100 = 12360$,
$123.6 \times 1000 = 123600$

g) $0.0009 = 0.0009 \times 10 = 0.009$, $0.0009 \times 100 =$
00.09~~00~~, $0.0009 \times 1000 =$ ~~0000~~.9~~000~~

h) $15.002 = 15.002 \times 10 = 150.02$~~0~~,
$15.002 \times 100 = 1500.2$~~00~~,
$15.002 \times 1000 = 15002$~~000~~

2) Find the values of the following

a) $0.4837 \times 1000 = 0483.7000$

b) $0.389 \times 10000 = 03890.000$

c) $123.8 \times 100 = 12380.0$

d) $3.208 \times 10 = 32.080$

e) $0.0007 \times 100 = 000,07 00$

f) $3.017 \times 10 = 30.170$

g) $1008.2 \times 100 = 100820.0$

h) $0.0309 \times 1000 = 0030.9000$

Homework

1) Find the product

g) 0.4262×11

0 4262
+ 04262x
04.6882

h) 0.487×240

0000
+ 1948x
+ 0974xx
116880

i) 50.05×50

0000
+ 25025x
2502.50

j) 100.01×200

000000
+ 0000000x
+ 20020xx
20020.00

2) Find the product.

f) 0.1×0.1

0.1
× 0.1
0.01

55.68×0.5

55.68
× 0.5
27840

g) 3.48×16

2088
+ 348x
55.68

h) 0.03×0.03

$\begin{array}{r} 0\ 0\ 9 \\ +\ 0\ 0\ 0\times \\ \hline 0.0\ 0\ .\ 0\ 9 \end{array}$

(2)

$\begin{array}{r} 0.09 \\ \times\ 0.03 \\ \hline 0\ 2\ 7 \\ +\ 0\ 0\ 0\times \\ \hline 0.0\ 0\ .\ 2\ 7 \end{array}$

3) If $324 \times 12 = 3888$, then find the product of each of the following without actually performing the multiplication.

a) $3.24 \times 12 = 38.88$

b) $32.4 \times 12 = 388.8$

c) $0.324 \times 12 = 3.888$

d) $0.00324 \times 12 = 0.03888$

4) If $614.6 \times 9 = 5531.4$, then find the product of each of the following without actually doing the multiplication.

a) $61.46 \times 9 =$ 553.14

b) $0.6146 \times 9 =$ 5.5314

c) $6146 \times 9 =$ 55314

d) $6.146 \times 9 =$ 55.314

e) $0.06146 \times 9 = 0.55314$

5) If $2.48 \times 6 = 14.88$ then find out the product without actually doing the multiplication when 2.48 is multiplied by

a) 60 = 14.88 × 60 = 1488.0

b) 600 = 14.88 × 600 = 14880.0

c) 0.6 = 14.88 × 0.6 = 8.928

d) 0.06 = 14.88 × 0.06 = 0.8928

e) 6000 = 14.88 × 6000 = 14880.00

6) If 56.2 × 7 = 393.4 then find the product of each of the following without actually doing the multiplication

a) 0.562 × 7 = 3.934

b) 562 × 7 = 3934

c) 0.0562 × 7 = 0.03934

d) 5.62 × 7 = 39.34