

Hw

1. Multiply the following 10, 100 & 1000

a. $0.487 = 0.487 \times 10 = 4.87$
 $0.487 \times 100 = 48.7$
 $0.487 \times 1000 = 487$

b. $0.5671 = 0.5671 \times 10 = 5.671$
 $0.5671 \times 100 = 56.71$
 $0.5671 \times 1000 = 567.1$

c. $6.063 = 6.063 \times 10 = 60.63$
 $= 6.063 \times 100 = 606.3$
 $6.063 \times 1000 = 6063$

d. $2.4861 = 2.4861 \times 10 = 24.861$
 $2.4861 \times 100 = 248.61$
 $2.4861 \times 1000 = 2486.1$

e. $51.835 = 51.835 \times 10 = 518.35$
 $51.835 \times 100 = 5183.5$
 $51.835 \times 1000 = 51835$

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

2.11.21

Exercise 10(c)

Date _____

Page _____

1. g. $0.0009 = 0.0009 \times 10 = 00.009$
 $0.0009 \times 100 = 000.09$
 $0.0009 \times 1000 = 0000.9$

h. $15.002 = 15.002 \times 10 = 150.02$
 $15.002 \times 100 = 1500.2$
 $15.002 \times 1000 = 15002$

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. $3.208 \times 10 = 32.08$

e. $0.0007 \times 100 = 0.07$

f. $3.017 \times 10 = 30.17$

g. $1008.2 \times 100 = 100820$

h. $0.0309 \times 1000 = 30.9$

HW

Q1. Find the product

a.
$$\begin{array}{r} 1.88 \\ \times 16 \\ \hline 1128 \\ 188 \times \\ \hline 30.08 \end{array}$$

b)
$$\begin{array}{r} 16.32 \\ \times 8 \\ \hline 130.56 \end{array}$$

c)
$$\begin{array}{r} 41.08 \\ \times 32 \\ \hline 8216 \\ 12324 \cdot \\ \hline 1314.56 \end{array}$$

d.
$$\begin{array}{r} 4.032 \\ \times 85 \\ \hline 20160 \\ 32256 \times \\ \hline 342.720 \end{array}$$

e)
$$\begin{array}{r} 0.47 \\ \times 375 \\ \hline 235 \\ 329 \times \\ + 141 \times \times \\ \hline 176.25 \end{array}$$

f)
$$\begin{array}{r} 2.008 \\ \times 150 \\ \hline 0000 \\ 10040 \times \\ + 2008 \times \times \\ \hline 301.200 \end{array}$$

2. Find the product

a.
$$\begin{array}{r} 18.4 \\ \times 0.12 \\ \hline 368 \\ 184 \times \\ \hline 2.208 \end{array}$$

b)
$$\begin{array}{r} 0.3146 \\ \times 0.05 \\ \hline 0.01573 \end{array}$$

c)
$$\begin{array}{r} 1.32 \\ \times 0.0008 \\ \hline 0.001056 \end{array}$$

d.
$$\begin{array}{r} 0.004 \\ \times 0.064 \\ \hline 0016 \\ 0024 \times \\ \hline 0.000256 \end{array}$$

e)
$$\begin{array}{r} 1.18 \\ \times 0.031996 \\ \hline 046 \\ 07 \\ \hline 0.037996 \end{array}$$

f)
$$\begin{array}{r} 0.01 \\ \times 0.01 \\ \hline 0.01 \end{array}$$

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Hw

g)

3.48

0.5

 $\times 16$

1.74

h)

0.03

0.03

 $\times 0.03$

0.0000.27

1.g

0.4262

 $\times 11$

4.6882

h)

0.487

 $\times 240$

116.88

1. 50.05

 $\times 50$

2502.5

j) 100.01

 $\times 200$

20002

3. 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. 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) $0.06146 \times 9 = 0.55314$

2.11.21

Hw

Date _____

Page _____

5. a. $2.48 \times 60 = 148.8$

b. $2.48 \times 600 = 1488$

c. $2.48 \times 0.6 = 1.488$

d. $0.06 \times 2.48 = 0.1488$

e) $2.48 \times 6000 = 14880$

6. a. $0.562 \times 7 = 3.934$

b. $562 \times 7 = \del{3948} 3934$

c. $0.0562 \times 7 = 0.3934$

d. $5.62 \times 7 = 39.34$