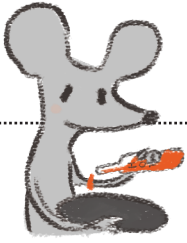


Answers**Delicious Decimals
Multiplying Decimals**

To multiply decimals:

1. Line the numbers up on the right. (You do not need to line up the decimal points!)
2. Multiply with the same routine you use with whole numbers.
3. Add up how many decimal places are in each number.
4. Start at the right of your answer and move the number of places equal to the sum of decimal places.

Example: 7.41

$$\begin{array}{r}
 7.41 \\
 \times 8.2 \\
 \hline
 1482 \\
 + 59280 \\
 \hline
 60.762
 \end{array}$$



a.

$$\begin{array}{r}
 9.578 \\
 \times 3 \\
 \hline
 28.734
 \end{array}$$

b.

$$\begin{array}{r}
 21.77 \\
 \times 3.11 \\
 \hline
 2177 \\
 21770 \\
 + 653100 \\
 \hline
 67.7047
 \end{array}$$

c.

$$\begin{array}{r}
 4.7 \\
 \times 4.7 \\
 \hline
 329 \\
 + 1880 \\
 \hline
 22.09
 \end{array}$$

d.

$$\begin{array}{r}
 78.9 \\
 \times 8.6 \\
 \hline
 4734 \\
 + 63120 \\
 \hline
 678.54
 \end{array}$$

e.

$$\begin{array}{r}
 101 \\
 \times 5.7 \\
 \hline
 707 \\
 + 5050 \\
 \hline
 575.7
 \end{array}$$

f.

$$\begin{array}{r}
 4.686 \\
 \times 8 \\
 \hline
 37.488
 \end{array}$$

g.

$$\begin{array}{r}
 65.9 \\
 \times 1.4 \\
 \hline
 2636 \\
 + 6590 \\
 \hline
 92.26
 \end{array}$$

h.

$$\begin{array}{r}
 9.268 \\
 \times 6.5 \\
 \hline
 46340 \\
 + 556080 \\
 \hline
 60.2420
 \end{array}$$

i.

$$\begin{array}{r}
 5.49 \\
 \times 9.2 \\
 \hline
 1098 \\
 + 49410 \\
 \hline
 50.508
 \end{array}$$

j.

$$\begin{array}{r}
 71.30 \\
 \times 6.3 \\
 \hline
 21390 \\
 + 427800 \\
 \hline
 449.190
 \end{array}$$

k.

$$\begin{array}{r}
 3.489 \\
 \times 2.4 \\
 \hline
 13956 \\
 + 69780 \\
 \hline
 8.3736
 \end{array}$$