Decimal Multiplication

① Line up both numbers on the right. Do not line up the decimal points, it makes the problem more complicated.

② Multiply both numbers as if they were whole numbers.

③ Count up the number of digits to the right of the decimal point in each of the factors. Find the sum.

④ The answer will have as many digits to the right of the decimal point as the sum in #3 above.

$(2.4)(.013)$

$$
\begin{array}{r}
2.4 \\
\times\ .013 \\
\hline
72 \\
+240\ \\
\hline
.0312
\end{array}
$$

$(.00005)(.02)$

$$
\begin{array}{r}
.00005 \\
\times\quad .02 \\
\hline
.0000010
\end{array}
$$