MULTIPLYING DECIMALS

● When multiplying decimals, start by ignoring any decimal points and perform the multiplication as you would normally.

● On arriving at your answer, you must now place the decimal point in the correct position; this is found by following the rule that the total number of decimal places in the question must equal the number of decimal places in the answer.

e.g. 5.34×1.2 ←——— 3 decimal places in the question

Now multiply, ignoring the decimal points.

$$
\begin{array}{r}
534 \\
\times \ 12 \\
\hline
1068 \\
5340 \\
\hline
6408
\end{array}
$$

Decimal points ignored here.

Put in the decimal point into your answer.

$5.34 \times 1.2 = 6.408$ ←——— 3 decimal places in the answer