

$$\begin{array}{r}
 73.\textcolor{red}{24} \\
 \times 5.\textcolor{red}{1} \\
 \hline
 \end{array}$$

$\textcolor{red}{\rightarrow}$ 2 decimal places
 $\textcolor{red}{\rightarrow}$ +1 decimal place

$$\begin{array}{r}
 7324 \\
 + 36620 \\
 \hline
 \end{array}$$

$$373.\textcolor{green}{524}$$

We place the decimal point so that there are 3 decimal places

Multiplying Decimals:

$$\begin{array}{r}
 \textcolor{orange}{13.75} \\
 \times \textcolor{green}{5.5} \\
 \hline
 \end{array}$$

forget about
decimal points
and multiply

$$\begin{array}{r}
 \textcolor{orange}{1375} \\
 \times \textcolor{green}{55} \\
 \hline
 \textcolor{red}{75625}
 \end{array}$$

decimal places of
the first number
 +
 # decimal places of
the second number
 =
 # decimal places of
the third number

$$\begin{array}{r}
 \textcolor{orange}{13.75} \leftarrow 2 \text{ d.p.} \\
 \times \textcolor{green}{5.5} \leftarrow 1 \text{ d.p.} \\
 \hline
 \textcolor{red}{75.625} \leftarrow 3 \text{ d.p.}
 \end{array}$$