



# Significant Figures & Calculations

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## 1. Multiplication and Division

- The answer has the same number of significant figures as the measurement with the smallest number.

12.257 m

x 1.162 m

14.2426234 m<sup>2</sup> → 14.24 m<sup>2</sup>



# Significant Figures & Calculations

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## 1. Addition & Subtraction

- The answer has the number of digits after the decimal point as the measurement with smallest number

$$\begin{array}{r} 3.95 \text{ g} \\ 2.879 \text{ g} \\ + 213.6 \text{ g} \\ \hline 220.429 \text{ g} \end{array} \text{ ---} > 220.4 \text{ g}$$