

## Warm- Up

Complete each of the following calculations giving the correct number of significant figures in your answer:

$$1) \overset{4}{22.37} \text{ cm} \times \overset{3}{3.10} \text{ cm} \times \overset{4}{85.75} \text{ cm} = \overset{3}{5950} \text{ cm}^3$$

$$2) \overset{1}{2000} / \overset{2}{59} = \overset{1}{30} \quad 33.89830508$$

$$3) \overset{3}{12.8} \times \overset{2}{6.0} = \overset{2}{77} \quad 76.8$$

$\overset{x}{0}.4$   
 $\overset{\checkmark}{4}\overset{\checkmark}{0}\overset{\checkmark}{4}$   
 $\overset{\checkmark}{4}\overset{x}{0}$   
 $\overset{\checkmark}{4}\overset{\checkmark}{0}.$

# Check Homework - Worksheet

## 2. Addition and Subtraction

The result of the operation is reported to the **same number of decimal places** as that of the term with the **least number of decimal places**.

Ex. Find the total distance:

$$D_1 = 106.7\text{km}$$

$$D_2 = 14\text{km}$$

$$D_3 = 0.59\text{km}$$

121.29

$$D_{\text{total}} = D_1 + D_2 + D_3$$

$$D_{\text{total}} = 106.7\text{km} + 14\text{km} + 0.59\text{km}$$

$$D_{\text{total}} = 121\text{km}$$

$$\begin{array}{r} \text{Ex. } 20.4 \\ 1.322 \\ + 83 \\ \hline 105 \end{array}$$

104.722

## Converting time and distances:



To change kilometers (km) to meters (m) you multiply by \_\_\_\_\_.

To change hours (h) to seconds (s) you multiply by \_\_\_\_\_.

Therefore, to change km/h to m/s you divide by \_\_\_\_\_.

And to change m/s to km/h you multiply by \_\_\_\_\_.

## Attachments

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S10 sig figs answers.notebook