

Questions on the assignment?

Assignment:

Exercises 2A # 4, 7
2B # 6, 7
2D # 2, 5

$$\frac{7L}{1} \times \frac{1000mL}{1L} = 7000mL$$

$$\frac{3.8 \cancel{\text{km}}}{1} \times \frac{1000 \cancel{\text{m}}}{\cancel{\text{km}}} \times \frac{100 \cancel{\text{cm}}}{\cancel{\text{m}}} \times \frac{10 \text{mm}}{\cancel{\text{cm}}}$$

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$$2.58 \times 10^{-7}$$

$$3.8 \times 10^6$$

$$C = \frac{5}{9}(F - 32) \leftarrow$$

$$\frac{9}{5}(F) = \left(\frac{5}{9}(F - 32)\right) \frac{9}{5}$$

$$\frac{9}{5}F = F - 32$$
$$\frac{9}{5}F \quad -F$$

$$\frac{5}{4}\left(\frac{4}{5}F\right) = (-32)\frac{5}{4}$$

$$F = -40$$

Chapter

2

Measurement

- F** Rates
- G** Accuracy of measurements
- H** Error and percentage error
- I** Currency conversions

Syllabus reference: 1.2, 1.3, 1.4, 1.5

Any time you round in 1.B., you will round to **THREE** significant figures (3 sig figs).
(unless the problem specifies where you should round - follow directions)

If you are able to give an exact answer, give an exact answer and do not round at all.

Any time you round in 1.B., you will round to **THREE** significant figures (3 sig figs).

(unless the problem specifies where you should round - follow directions)

Any time you round in I.B.,
you will round to **THREE**
significant figures (3 sig figs).

(unless the problem specifies where you should round -
follow directions)

F

RATES

A **rate** is an ordered comparison of quantities of **different** kinds.

<i>Rate</i>	<i>Example of units</i>
rates of pay	dollars per hour, euros per hour
petrol consumption	litres per 100 km
annual rainfall	mm per year
unit cost	dollars per kilogram, pounds per kilogram
population density	people per square km