University of
South Australia

## Unit Conversion - Practice Exercises

## Question 1:

Convert these to units ( $\mathrm{m}, \mathrm{g}$ or L ):

| No. | Units | Converted to $\mathbf{m}, \mathbf{g}$, or $\mathbf{L}$ |
| :--- | :--- | :--- |
| 1 | 98 mg |  |
| 2 | 25 ml |  |
| 3 | $1025 \mu \mathrm{~g}$ |  |
| 4 | 19 kl |  |
| 5 | 589 mm |  |

## Question 2:

Convert the units to micro(units):

| No. | Units | Converted to $\mu$ |
| :--- | :--- | :--- |
| 1 | 28.6 g |  |
| 2 | 960 L |  |
| 3 | 13 kg |  |
| 4 | 0.52 m |  |
| 5 | 5 km |  |

## Question 3:

You have an order for 250 mg oral Prednisolone. It comes as a 0.3 g in 2 mL solution. How many $\mathrm{ml}(\mathrm{s})$ equal the dose required?

## Question 4:

You need to administer 150 mg of a medication orally to a client which is available in 0.25 g tablets. How many tablets will you give?

## Question 5:

Lianne weighs 130 pounds. How much does she weigh in kilograms? $1 \mathrm{~kg}=2.2 \mathrm{lbs}$

## Question 6:

The total volume to be given is 350 ml over 8 hours. What is the flow rate in $\mathrm{mls} / \mathrm{mins}$ ?

