



COACHING CENTRE

Measurement and Energy

Units of Measurement

1 Complete the following.

a $5 \text{ cm} = \square \text{ mm}$

d $890 \text{ m} = \square \text{ cm}$

g $9400 \text{ m} = \square \text{ km}$

j $49\,000 \text{ cm} = \square \text{ km}$

b $78 \text{ m} = \square \text{ cm}$

e $57 \text{ cm} = \square \text{ mm}$

h $600 \text{ mm} = \square \text{ cm}$

k $22\,000 \text{ m} = \square \text{ km}$

c $2 \text{ km} = \square \text{ m}$

f $6 \text{ km} = \square \text{ cm}$

i $8100 \text{ cm} = \square \text{ m}$

l $51 \text{ mm} = \square \text{ cm}$

2 Complete the following.

a $3 \text{ t} = \square \text{ kg}$

d $8100 \text{ kg} = \square \text{ g}$

g $6800 \text{ g} = \square \text{ kg}$

j $300 \text{ kg} = \square \text{ t}$

b $45 \text{ kg} = \square \text{ g}$

e $4 \text{ t} = \square \text{ g}$

h $9\,300\,000 \text{ g} = \square \text{ t}$

k $2300 \text{ g} = \square \text{ kg}$

c $76 \text{ t} = \square \text{ kg}$

f $0.52 \text{ t} = \square \text{ kg}$

i $45\,000\,000 \text{ g} = \square \text{ t}$

l $60\,000 \text{ g} = \square \text{ kg}$

3 Complete the following.

a $2 \text{ L} = \square \text{ mL}$

d $7800 \text{ kL} = \square \text{ L}$

g $6100 \text{ L} = \square \text{ kL}$

j $80 \text{ mL} = \square \text{ L}$

b $12 \text{ kL} = \square \text{ L}$

e $50 \text{ L} = \square \text{ mL}$

h $400 \text{ mL} = \square \text{ L}$

k $79\,000 \text{ mL} = \square \text{ kL}$

c $9 \text{ kL} = \square \text{ mL}$

f $300 \text{ kL} = \square \text{ mL}$

i $210\,000 \text{ mL} = \square \text{ kL}$

l $8\,000\,000 \text{ mL} = \square \text{ kL}$

4 What unit of length is most appropriate to measure each of the following?

- a Length of a pen
- b Height of a building
- c Thickness of a credit card
- d Distance from Sydney to Newcastle
- e Height of a person
- f Length of a football field

5 What unit of mass is most appropriate to measure each of the following?

- a Weight of an elephant
- b Mass of a mug
- c Bag of onions
- d Weight of a baby
- e Mass of a truck
- f Mass of a teaspoon of sugar