

# Fundamental Knowledge Test

## Measures v1.0

You may not use a calculator.

Answer the questions in the spaces provided.

**1** Complete the following:

There are \_\_\_\_\_ millimetres (mm) in 1 centimetre (cm)

There are \_\_\_\_\_ centimetres in 1 metre

There are \_\_\_\_\_ metres in 1 kilometre

There are \_\_\_\_\_ grams in 1 kilogram

There are \_\_\_\_\_ millilitres in 1 litre

**[5 marks]**

**2** How many millimetres are there in 12 cm?

**[1 mark]**

Answer \_\_\_\_\_ mm

**3** Write 60 mm in cm.

**[1 mark]**

Answer \_\_\_\_\_ cm

**4** Write 32.4 cm in mm.

**[1 mark]**

Answer \_\_\_\_\_ mm

5 What is 1600 g in kilograms?

[1 mark]

Answer \_\_\_\_\_ kg

6 How many metres in 650 cm?

[1 mark]

Answer \_\_\_\_\_ m

7 What is 7500 m in kilometres?

[1 mark]

Answer \_\_\_\_\_ km

8 How many grams in 3.6kg?

[1 mark]

Answer \_\_\_\_\_ g

9 Write 12.5 litres in millilitres.

[1 mark]

Answer \_\_\_\_\_ ml

10 Choose the most suitable unit to measure each of the following.  
Circle your answer.

The distance of a swimming race:

centimetres      metres      kilometres

The weight of a pencil:

grams      kilograms      tonnes

The volume of a small can of lemonade:

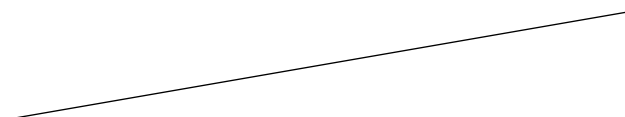
millilitres      litres

[3 marks]

**11**

Measure the length of this line.

State your units.

**[2 marks]**

Answer \_\_\_\_\_

**12**

Complete each of these statements using the correct units from kg, g, km, m, cm, mm, litres (l) or millilitres (ml)

A boy weighs 45 \_\_\_\_\_

A packet of crisps weighs 65 \_\_\_\_\_

The volume of water in a kettle is 2 \_\_\_\_\_

The height of a bus is 5 \_\_\_\_\_

The length of a piece of paper is 21 \_\_\_\_\_

**[5 marks]**