GCSE FOUNDATION · REVISION MAT 5

Measures and units

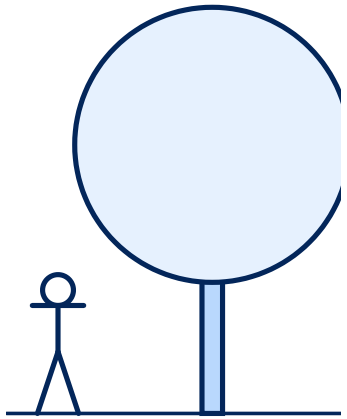
1 Choose a sensible metric unit and estimate for

(a) the height of a house
(b) the mass of a pencil
(c) the capacity of a can of drink

2 Write down the reading on this scale.



3 The man is 1.8 m tall.



Estimate the height of the tree.
Explain how you made your estimate.

4 5 miles is about 8 km.

Show that 120 miles is about 192 km.

5 Here is part of a bus timetable.

Harbour	15:05	15:45	16:25
Bridge	15:16	15:56	16:36
Castle	15:33	16:13	16:53
Airport	15:51	16:31	17:11

Ama is at Harbour. She must be at Airport by 16:45.

(a) Which bus should she catch from Harbour?

(b) How long is her journey?

6 A rectangular table top is 1.8 m long and 45 cm wide.

Ribbon is put all the way round the edge.
Ribbon costs £2.75 per metre.

Work out the cost of the ribbon.

ANSWERS · REVISION MAT 5

Measures and units

1 (a) **m**, about 8 m
(b) **g**, about 5 g
(c) **ml**, about 330 ml

(accept sensible estimates)

2 Each small division = 0.2 litres

3.6 litres

3 The tree is about 3 times as tall as the man.

3 × 1.8 ≈ **5.4 m** (accept close estimates)

4 120 ÷ 5 = 24

24 × 8 = 192 km ✓

5 (a) The **15:45** bus (arrives 16:31)

(b) **46 minutes**

6 1.8 m = 180 cm

Perimeter = 2 × (180 + 45) = 450 cm = 4.5 m

Cost = 4.5 × £2.75 = **£12.38**