GCSE HIGHER · REVISION MAT 2

Units and measures

1 Convert 4500 g to kg.

2 Convert 5000 cm^3 to litres.

3 Sam says 1 m^2 = 100 cm^2.

Explain why he is wrong.

4 A loaf needs 250 g of flour.

A bag holds 1.5 kg.

How many loaves can be made?

5 Show that 15 m/s = 54 km/h.

6 A field is 0.4 km by 250 m.

1 hectare = 10 000 m^2.

Find the area in hectares.

7 Show that 3.6×10^6 cm^3 = 3.6 m^3.

8 A pressure is 50 N/cm^2.

Convert it to N/m^2.

ANSWERS · REVISION MAT 2

Units and measures

1 **4.5 kg**

2 **5 litres**

3 $1\ m^2 = 100\ cm \times 100\ cm$

$10\ 000\ cm^2$

4 $1500 \div 250$

6 loaves

5 $15 \times 3600 = 54\ 000\ m/h$

54 km/h

6 $400 \times 250 = 100\ 000\ m^2$

10 hectares

7 $1\ m^3 = 10^6\ cm^3$

$3.6 \times 10^6 \div 10^6 = 3.6$

8 $1\ m^2 = 10\ 000\ cm^2$

500 000 N/m²

Mr&Mrs MATHS