GCSE HIGHER · REVISION MAT 5

Converting units

1 Convert 7250 g to kg.

2 How many seconds are in 1.5 hours?

3 Show that 0.5 km = 50 000 cm.

4 A running track lap is 400 m.

How many laps make 10 km?

5 Show that 250 cm^3 = 0.25 litres.

6 A heart pumps 70 ml per beat at 72 beats per minute.

How many litres does it pump in an hour?

7 Show that 12 m/s = 43.2 km/h.

8 A rectangular field has an area of 2.4 hectares.

1 hectare = 10 000 m^2.

It is 160 m long.

How wide is it?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 5

Converting units

1 **7.25 kg**

2 1.5 × 3600

5400

3 0.5 km = 500 m

500 × 100 = 50 000 cm

4 10 000 ÷ 400

25 laps

5 250 ÷ 1000

= 0.25

6 70 × 72 = 5040 ml/min

302.4 litres

7 12 × 3.6

= 43.2

8 24 000 m^2

24 000 ÷ 160 = 150 m

Mr&Mrs MATHS