GCSE FOUNDATION · REVISION MAT 3

Units of measure

1 Convert

(a) 65 mm to cm
(b) 1.25 kg to g
(c) 4.6 km to m

2 A film starts at 3:20 pm.

It lasts 110 minutes.

At what time does it end?

3 Ben says,

"3.4 hours is the same as 3 hours 40 minutes."

Explain why Ben is wrong.

4 A jug holds 3 litres of juice.

8 glasses are filled. Each glass holds 330 ml.

Show that there is 360 ml of juice left in the jug.

5 Amy leaves the station at 7:50.

She walks for 55 minutes, waits 15 minutes for a train, then travels 2.25 hours on the train.

What time does she arrive?

6 A recipe for 5 people uses 150 g of butter.

Zoe makes the recipe for 12 people.

She has 0.5 kg of butter. Does she have enough? Show your working.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 3

Units of measure

1 (a) **6.5 cm**
(b) **1250 g**
(c) **4600 m**

2 110 minutes = 1 hour 50 minutes

5:10 pm

3 3.4 hours is not 3 hours 40 minutes, because an hour has 60 minutes, not 100.

3.4 hours = **3 hours 24 minutes**

4 3 litres = 3000 ml

8 × 330 = 2640 ml

3000 – 2640 = 360 ml ✓

5 2.25 hours = 135 minutes

Total 55 + 15 + 135 = 205 minutes

Arrives at **11:15**

6 150 ÷ 5 × 12 = 360 g

0.5 kg = 500 g

Yes, 140 g spare