GCSE FOUNDATION · REVISION MAT 2

Units of measure

1 Convert

(a) 7.2 m to cm
(b) 3600 g to kg
(c) 850 ml to litres

2 A film starts at 1:50 pm.

It lasts 85 minutes.

At what time does it end?

3 Lily says,

"2.25 hours is the same as 2 hours 25 minutes."

Explain why Lily is wrong.

4 A jug holds 1.5 litres of juice.

6 glasses are filled. Each glass holds 200 ml.

Show that there is 300 ml of juice left in the jug.

5 Amy leaves home at 9:15.

She walks for 35 minutes, waits 25 minutes for a train, then travels 1.5 hours on the train.

What time does she arrive?

6 A recipe for 6 people uses 180 g of sugar.

Zoe makes the recipe for 15 people.

She has 0.4 kg of sugar. Does she have enough? Show your working.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 2

Units of measure

1 (a) **720 cm**
(b) **3.6 kg**
(c) **0.85 litres**

2 85 minutes = 1 hour 25 minutes

3:15 pm

3 2.25 hours is not 2 hours 25 minutes, because an hour has 60 minutes, not 100.

2.25 hours = **2 hours 15 minutes**

4 1.5 litres = 1500 ml

6 × 200 = 1200 ml

1500 – 1200 = 300 ml ✓

5 1.5 hours = 90 minutes

Total 35 + 25 + 90 = 150 minutes

Arrives at **11:45**

6 180 ÷ 6 × 15 = 450 g

0.4 kg = 400 g

No, 50 g short