GCSE FOUNDATION · REVISION MAT 4

Units of measure

1 Convert

(a) 0.8 litres to ml
(b) 270 cm to m
(c) 5 kg to g

2 A film starts at 4:45 pm.

It lasts 75 minutes.

At what time does it end?

3 Sana says,

"0.75 hours is the same as 75 minutes."

Explain why Sana is wrong.

4 A jug holds 2.5 litres of juice.

7 glasses are filled. Each glass holds 300 ml.

Show that there is 400 ml of juice left in the jug.

5 Amy leaves the hotel at 10:05.

She walks for 40 minutes, waits 30 minutes for a train, then travels 1.75 hours on the train.

What time does she arrive?

6 A recipe for 3 people uses 120 g of oats.

Zoe makes the recipe for 10 people.

She has 0.35 kg of oats. Does she have enough? Show your working.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 4

Units of measure

1 (a) **800 ml**
(b) **2.7 m**
(c) **5000 g**

2 75 minutes = 1 hour 15 minutes

6:00 pm

3 0.75 hours is not 75 minutes, because an hour has 60 minutes, not 100.

0.75 hours = **45 minutes**

4 2.5 litres = 2500 ml

7 × 300 = 2100 ml

2500 – 2100 = 400 ml ✓

5 1.75 hours = 105 minutes

Total 40 + 30 + 105 = 175 minutes

Arrives at **13:00**

6 120 ÷ 3 × 10 = 400 g

0.35 kg = 350 g

No, 50 g short