GCSE FOUNDATION · REVISION MAT 1

Units of measure

1 Convert

(a) 3.5 km to m
(b) 450 g to kg
(c) 2.4 litres to ml

2 A film starts at 2:35 pm.

It lasts 95 minutes.

At what time does it end?

3 Jack says,

"1.5 hours is the same as 1 hour 50 minutes."

Explain why Jack is wrong.

4 A jug holds 2 litres of juice.

7 glasses are filled. Each glass holds 250 ml.

Show that there is 250 ml of juice left in the jug.

5 Amy leaves school at 8:40.

She walks for 45 minutes, waits 20 minutes for a train, then travels 1.25 hours on the train.

What time does she arrive?

6 A recipe for 4 people uses 225 g of flour.

Zoe makes the recipe for 10 people.

She has 1 kg of flour. Does she have enough? Show your working.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 1

Units of measure

1 (a) **3500 m**
(b) **0.45 kg**
(c) **2400 ml**

2 95 minutes = 1 hour 35 minutes

4:10 pm

3 1.5 hours is not 1 hour 50 minutes, because an hour has 60 minutes, not 100.

1.5 hours = **1 hour 30 minutes**

4 2 litres = 2000 ml

7 × 250 = 1750 ml

2000 – 1750 = 250 ml ✓

5 1.25 hours = 75 minutes

Total 45 + 20 + 75 = 140 minutes

Arrives at **11:00**

6 225 ÷ 4 × 10 = 562.5 g

1 kg = 1000 g

Yes, 437.5 g spare