GCSE FOUNDATION · REVISION MAT 5

Units of measure

1 Convert

(a) 12.5 cm to mm
(b) 3050 m to km
(c) 75 cl to ml

2 A film starts at 12:55 pm.

It lasts 140 minutes.

At what time does it end?

3 Max says,

"1.6 hours is the same as 1 hour 60 minutes."

Explain why Max is wrong.

4 A jug holds 1.2 litres of juice.

7 glasses are filled. Each glass holds 150 ml.

Show that there is 150 ml of juice left in the jug.

5 Amy leaves the cinema at 13:20.

She walks for 50 minutes, waits 10 minutes for a train, then travels 0.75 hours on the train.

What time does she arrive?

6 A recipe for 2 people uses 75 g of rice.

Zoe makes the recipe for 14 people.

She has 0.6 kg of rice. Does she have enough? Show your working.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 5

Units of measure

1 (a) **125 mm**
(b) **3.05 km**
(c) **750 ml**

2 140 minutes = 2 hours 20 minutes

3:15 pm

3 1.6 hours is not 1 hour 60 minutes, because an hour has 60 minutes, not 100.

1.6 hours = **1 hour 36 minutes**

4 1.2 litres = 1200 ml

7 × 150 = 1050 ml

1200 – 1050 = 150 ml ✓

5 0.75 hours = 45 minutes

Total 50 + 10 + 45 = 105 minutes

Arrives at **15:05**

6 75 ÷ 2 × 14 = 525 g

0.6 kg = 600 g

Yes, 75 g spare