

Metric Unit Conversions

For AQA GCSE Mathematics (8300) • Foundation tier

Name _____

Total marks: **23**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method.
Do not use a calculator unless told to.

- 1** How many millimetres are there in 0.35 metres?
Circle your answer.

[1 mark]

3.5

35

350

3500

- 2** How many seconds are there in 4.5 minutes?
Circle your answer.

[1 mark]

45

245

270

450

- 3** (a) Convert 850 centimetres to metres.

[1 mark]

Answer _____ m

- (b) Convert 2.4 kilograms to grams.

[1 mark]

Answer _____ g

- (c) Convert 3500 millilitres to litres.

[1 mark]

Answer _____ litres

- (d) Convert 45 millimetres to centimetres.

[1 mark]

Answer _____ cm

- 4** A road sign shows that a town is 45 miles away.

Use 8 kilometres = 5 miles

How far away is the town in kilometres?

[2 marks]

Answer _____ km

- 5** The fuel tank of a car holds 54 litres.
Use 1 gallon = 4.5 litres
How many gallons does the fuel tank hold?

[2 marks]

Answer _____ gallons

- 6** Write these masses in order, starting with the smallest.
1.2 kg 1250 g 0.9 kg 980 g

[2 marks]

Answer _____

- 7** Dev swims 14 lengths of a pool.
Each length takes him 1 minute 50 seconds.
Work out the total time he spends swimming.
Give your answer in minutes and seconds.

[3 marks]

Answer _____ minutes _____ seconds

- 8** A jug holds 1.5 litres of juice.
Each glass holds 250 ml.

How many glasses can be filled from a full jug?

[2 marks]

Answer _____

- 9** A recipe needs 350 g of flour.
Sam has a 2 kg bag of flour.

How many times can Sam make the recipe with one bag of flour?

[2 marks]

Answer _____

- 10** A train leaves at 10:47 and arrives at 13:12
How long is the journey?
Give your answer in hours and minutes.

[2 marks]

Answer _____ hours _____ minutes

- 11** You may use a calculator for this question.
A tin holds 2.5 litres of paint.
Use 1 pint = 0.568 litres
How many pints of paint does the tin hold?
Give your answer to 1 decimal place.

[2 marks]

Answer _____ pints