

Metric Unit Conversions

For Pearson Edexcel GCSE Mathematics (1MA1) • Foundation tier

Name _____

Total marks: **23**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method.

1 Change 90 millimetres into centimetres.

..... centimetres
(1)

(Total for Question 1 is 1 mark)

2 Change 6 metres to centimetres.

..... centimetres
(1)

(Total for Question 2 is 1 mark)

3 Change 3000 millilitres to litres.

..... litres
(1)

(Total for Question 3 is 1 mark)

- 4** (a) Change 258 cm into metres.

..... m
(1)

- (b) Change 3.4 kg into grams.

..... g
(1)

(Total for Question 4 is 2 marks)

- 5** Write 170 minutes in hours and minutes.

..... hours minutes
(1)

(Total for Question 5 is 1 mark)

- 6** Change 5 weeks into days.

..... days
(1)

(Total for Question 6 is 1 mark)

- 7 A plank of wood is 2.4 metres long.
Nina cuts a piece 85 centimetres long from the plank.
Work out the length of the plank that is left.
Give your answer in centimetres.

..... centimetres
(2)

(Total for Question 7 is 2 marks)

- 8 A bottle holds n litres of water.
Write down an expression, in terms of n , for the total number of millilitres of water in 3 of these bottles.

.....
(1)

(Total for Question 8 is 1 mark)

- 9 Riley travels by bus and then by train.
The bus journey takes 1 hour 35 minutes.
He then waits 25 minutes for the train.
The train journey takes 2 hours 50 minutes.

Work out Riley's total journey time.
Give your answer in hours and minutes.

..... hours minutes
(2)

(Total for Question 9 is 2 marks)

- 10** Tom has 3 bottles of water.
Each bottle contains 1.5 litres of water.
Tom pours water into glasses.
Each glass holds 200 millilitres.

How many glasses can Tom fill completely?

.....
(3)

(Total for Question 10 is 3 marks)

- 11** Each day, Ben walks 2.4 km to school.
He walks home by a different route, which is 1800 m long.
He goes to school on 5 days.

Work out the total distance Ben walks in the 5 days.
Give your answer in kilometres.

..... km
(3)

(Total for Question 11 is 3 marks)

- 12** A parcel weighs 5.5 pounds.
1 kg = 2.2 pounds
Work out the weight of the parcel in kilograms.

..... kg
(2)

(Total for Question 12 is 2 marks)

- 13** A bottle contains 0.2 litres of medicine.
Ella takes three 5 ml spoonfuls of the medicine each day.
For how many full days will the bottle of medicine last?
You must show all your working.

.....
(3)

(Total for Question 13 is 3 marks)
