

## 1MA1 Foundation themed papers: Metric conversions

Write your name here			
Surname	Other names		
Centre Number		Candidate Number	
Pearson Edexcel Level 1/Level 2 GCSE (9–1)			
<b>Mathematics</b> <b>Metric conversions</b>			
			Paper Reference <b>1MA1</b>
<b>You must have:</b> Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.			Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be 3.142 unless the question instructs otherwise.

### Information

- The total mark for this paper is **16**. There are **10** questions.
- Questions have been arranged in an ascending order of mean difficulty, as found by all students in the June 2017–November 2019 examinations.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

**1MA1 Foundation themed papers: Metric conversions**

1 Change 1.5 kilometres to metres.

..... metres

**(Total for Question 1 is 1 mark)**

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2 Change 4 kilometres into metres.

.....metres

**(Total for Question 2 is 1 mark)**

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3 Change 1756 grams to kilograms.

.....kg

**(Total for Question 3 is 1 mark)**

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4 Change 350 centimetres into metres.

..... metres

**(Total for Question 4 is 1 mark)**

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5 (a) Change 365 cm into metres.

..... m

**(1)**

(b) Change 2.7 kg into grams.

..... g

**(1)**

**(Total for Question 5 is 2 marks)**

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**6** (a) Change 35 cm to mm.

..... mm  
**(1)**

(b) Change 7700 millilitres to litres.

..... litres  
**(1)**

(c) Change 0.32 kilograms to grams.

..... grams  
**(1)**

**(Total for Question 5 is 3 marks)**

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**7** (a) Change 4560 g into kg.

.....kg  
**(1)**

(b) Change 7.3 m into mm.

.....mm  
**(1)**

**(Total for Question 6 is 2 marks)**

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**8** Write  $37 \text{ cm}^3$  in  $\text{mm}^3$

..... $\text{mm}^3$

**(Total for Question 7 is 1 mark)**

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**9** Change 4500 mm<sup>3</sup> into cm<sup>3</sup>.

..... cm<sup>3</sup>

**(Total for Question 16 is 2 marks)**

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**10** 1 kg = 2.2 pounds  
Change 319 pounds to kg.

..... kg

**(Total for Question 6 is 2 marks)**

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**TOTAL MARKS FOR PAPER: 16**