

1MA1 Foundation themed papers: Place value and Rounding

Write your name here			
Surname	Other names		
Centre Number		Candidate Number	
Pearson Edexcel Level 1/Level 2 GCSE (9–1)			
<h1>Mathematics</h1> <h2>Place value and Rounding</h2>			
			Paper Reference 1MA1
You must have: 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 π button, take the value of π to be 3.142 unless the question instructs otherwise.

Information

- The total mark for this paper is **21**. There are **17** 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.

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1 Write 478 to the nearest hundred.

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



2 Write 7829 to the nearest 1000

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

3 Write the number 8375 correct to the nearest thousand.

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

4 Write 3758 correct to the nearest 1000.

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



5 Write 6324 correct to the nearest thousand.

.....
(Total for Question 5 is 1 mark)

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6 Here are four digits.

7 3 4 9

(a) Use three of these digits to write down the largest possible 3-digit number.

.....
(1)

(b) Here are four different digits.

8 2 1 6

Put one of these digits in each box to give the smallest possible answer to the sum.
You must use each digit only once.

+

(1)

(Total for Question 6 is 2 marks)

7 Write the number 2538 correct to the nearest hundred.

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

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8 Here are four digits.

5 6 1 9

(i) Write down the smallest possible two digit number that can be made with two of the digits.

.....
(1)

(ii) Write down the three digit number closest to 200 that can be made with three of the digits.

.....
(1)

(Total for Question 8 is 2 marks)

9 Write the number two million in figures.

.....
(Total for Question 9 is 1 mark)



10 Write down the value of the 7 in the number 1074

.....
(Total for Question 10 is 1 mark)

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11 Write 4.58 correct to 1 decimal place.

.....
(Total for Question 11 is 1 mark)

12 Write down the value of the 4 in the number 542.3

.....
(Total for Question 12 is 1 mark)

13 Write down a 6 digit number that has 4 as its thousands digit.
You can only use the digit 4 once.

.....
(Total for Question 13 is 1 mark)

14 Write 1.59 correct to 1 decimal place.

.....
(Total for Question 14 is 1 mark)



15 Write 7.26451 correct to 3 decimal places.

.....
(Total for Question 15 is 1 mark)

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16 (a) Write 7357 correct to 3 significant figures.

.....
(1)

(b) Work out $\frac{\sqrt{17 + 4^2}}{7.3^2}$

Write down all the figures on your calculator display.

.....
(2)

(Total for Question 16 is 3 marks)

17 Write 56.78 correct to one significant figure.

.....
(Total for Question 17 is 1 mark)

TOTAL MARKS FOR PAPER: 21