

## 1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)

Write your name here	
Surname	Other names
Centre Number	Candidate Number
<input type="text"/>	<input type="text"/>
Pearson Edexcel Level 1/Level 2 GCSE (9–1)	
<b>Mathematics</b> <b>Fractions, Decimals and Percentages</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 **27**. There are **27** 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: Fractions, Decimals and Percentage (FDP)**

**1** Write 0.23 as a percentage.

..... %

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

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**2** Write 0.73 as a percentage.

..... %

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

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**3** Write  $\frac{9}{10}$  as a decimal.

.....

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

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**4** Write 0.31 as a fraction.

.....

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

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**5** Write 19% as a fraction.

.....

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

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**6** Write 0.7 as a fraction.

.....

**(Total for Question 6 is 1 mark)**

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**1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)**



**7** Write 15% as a decimal.

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

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**8** Write  $\frac{7}{100}$  as a decimal.

.....  
**(Total for Question 8 is 1 mark)**

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**9** Write 0.75 as a fraction.

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

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**10** Write 20% as a fraction.

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

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**11** Write 0.6 as a percentage.

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

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**1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)**

**12** Write 0.3 as a percentage.

.....%

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

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**13** Write 3% as a fraction.

.....

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

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**14** Write  $\frac{4}{50}$  as a percentage.

.....%

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

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**15** Write  $\frac{4}{5}$  as a percentage.

.....%

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

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**16** Write the fraction  $\frac{28}{70}$  in its simplest form.

.....

**(Total for Question 16 is 1 mark)**

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**1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)**



**17** Write  $\frac{6}{15}$  as a fraction in its simplest form.

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

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**18** Write  $\frac{3}{100}$  as a decimal.

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

---

**19** Write 0.2 as a percentage.

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

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**20** Write 8% as a decimal.

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

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**21** Write 27% as a fraction.

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

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**22** Write 0.09 as a fraction.

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

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**1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)**

**23** 60% of the students at a school walk to school.

Work out the percentage of the students who do **not** walk to school.

.....%

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

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**24** Write  $\frac{1}{5}$  as a decimal.

.....

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

---

**25** Here is a list of fractions.

$$\frac{3}{9} \quad \frac{5}{15} \quad \frac{7}{21} \quad \frac{9}{30} \quad \frac{15}{45}$$

One of these fractions is **not** equivalent to  $\frac{1}{3}$

Which fraction?

.....

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

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**26** Write  $\frac{7}{10}$  as a percentage.

..... %

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

**1MA1 Foundation themed papers: Fractions, Decimals and Percentage (FDP)**



27 Write  $\frac{7}{20}$  as a percentage.

..... %

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

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**TOTAL MARKS FOR PAPER: 27**