

Name: \_\_\_\_\_

## GCSE (1 – 9)

# Fractions, Decimals and Percentages

### Instructions

- Use **black** ink or ball-point pen.
- Answer all Questions.
- Answer the Questions in the spaces provided  
– *there may be more space than you need.*
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**

### Information

- 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

1 Write 0.29 as a percentage.

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

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2 Write  $\frac{5}{100}$  as a decimal.

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

---

3 Write 0.3 as a percentage.

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

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4 Write 18% as a decimal.

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

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5 Write 4% as a decimal.

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

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6 Write 0.3 as a fraction.

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

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7 Write  $\frac{2}{5}$  as a decimal.

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

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8 Write 0.03 as a fraction.

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

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9 Write 23% as a fraction.

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

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10 Write 0.79 as a percentage.

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

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11 Write 17% as a fraction.

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

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12 Write 0.25 as a fraction.

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

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13 Write  $\frac{3}{50}$  as a percentage.

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

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14 Write 0.06 as a percentage.

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

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15 Write 0.11 as a fraction.

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

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16 Write 0.9 as a percentage.

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

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17 Write 0.19 as a percentage.

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

---

18 Write 0.025 as a fraction.

.....  
**(Total for Question 18 is 1 mark)**

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19 Write  $\frac{12}{100}$  as a decimal.

.....  
**(Total for Question 19 is 1 mark)**

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20 Write  $\frac{7}{10}$  as a decimal.

.....  
**(Total for Question 20 is 1 mark)**

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21 Write 0.003 as a fraction.

.....  
**(Total for Question 21 is 1 mark)**

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22 Write 0.3 as a percentage.

..... %  
**(Total for Question 22 is 1 mark)**

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23 Write  $\frac{9}{20}$  as a percentage.

..... %  
**(Total for Question 23 is 1 mark)**

---

24 Write 0.06 as a fraction.

.....  
**(Total for Question 24 is 1 mark)**

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25 Dean says that 13% is greater than 0.1

Is Dean correct?

Give a reason for your answer.

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(Total for Question 25 is 1 mark)

26 Tom and Jerry both earn the same monthly salary.

Each month:

Tom saves 35% of his salary.

Jerry spends  $\frac{3}{5}$  of his salary and saves the rest of his salary.

Work out who saves the most money each month.

You must show your working.

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(Total for Question 26 is 2 marks)

27 Write the following numbers in order of size.

Start with the smallest number.

75%      $\frac{7}{10}$      0.72     0.9      $\frac{4}{5}$

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(Total for Question 27 is 2 marks)

28 Write the following numbers in order of size.

Start with the smallest number.

0.3      $\frac{1}{3}$      21%      $\frac{1}{4}$      0.205

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(Total for Question 28 is 2 marks)