

Fractions, Decimals and Percentages

Question Paper

Level	GCSE
Subject	Maths
Exam Board	Edexcel GCSE
Topic	Fractions, Decimals and Percentages
Grade Level	Grade 1/2
Booklet	Question Paper

Time Allowed: 68 minutes

Score: /56

Percentage: /100

Grade Boundaries:

1. (a) Write $\frac{1}{4}$ as a percentage.

.....%

(1)

(b) Write 0.23 as a percentage.

.....%

(1)

(c) Write 42% as a fraction.
Give your answer in its simplest form.

.....

(2)

(Total 4 marks)

2. (a) Write 0.15 as a percentage.

..... %

(1)

(b) Write 35% as a fraction.
Give your answer in its simplest form.

.....

(2)

(Total 3 marks)

3. (a) Work out 50% of £60

£

(1)

(b) Work out 25% of 20 metres.

..... metres

(1)

(Total 2 marks)

4. (a) Write $\frac{9}{10}$ as a decimal.

..... (1)

(b) Write $\frac{3}{4}$ as a percentage.

..... % (1)

(c) Write 23% as a fraction.

..... (1)

(d) Work out $\frac{1}{5}$ of 50

..... (1)
(Total 4 marks)

5. (a) Write $\frac{1}{5}$ as a percentage.

..... % (1)

(b) Write 0.7 as a percentage.

..... % (1)
(Total 2 marks)

6. (a) (i) Write $\frac{1}{4}$ as a percentage.

.....%

(ii) Write 0.8 as a percentage.

.....%

(2)

(b) Write 76% as a decimal.

.....

(1)

(c) Write 45% as a fraction.
Give your answer in its simplest form.

.....

(2)

(Total 5 marks)

7. (a) Write 0.85 as a percentage.

..... %

(1)

(b) Write $\frac{1}{10}$ as a percentage.

..... %

(1)

(c) Write 60% as a decimal.

.....

(1)

(Total 3 marks)

8. (a) Write 0.37 as a percentage.

..... %

(1)

(b) Write $\frac{1}{4}$ as a percentage.

..... %

(1)

(c) Write 19% as a fraction.

.....

(1)

- (d) Write 40 as a fraction of 140
Give your fraction in its simplest form.

.....
(2)
(Total 5 marks)

9. (a) Write 0.45 as a percentage.

.....%
(1)

- (b) Write $\frac{3}{4}$ as a percentage.

.....%
(1)

- (c) Write 30% as a fraction in its simplest form.

.....
(2)
(Total 4 marks)

10. (a) Write $\frac{1}{10}$

- (i) as a decimal,

.....cm

- (ii) as a percentage.

.....cm
(Total 2 marks)

11. (a) Write $\frac{1}{5}$ as a percentage.

.....%
(1)

- (b) Write 0.64 as a percentage.

.....%
(1)

- (c) Write 70% as a decimal.

.....
(1)
(Total 3 marks)

12. (a) Write 0.38 as a percentage.

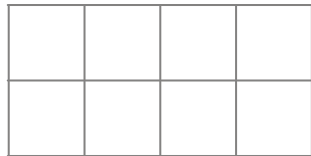
..... % (1)

(b) Write $\frac{3}{10}$ as a percentage.

..... % (1)

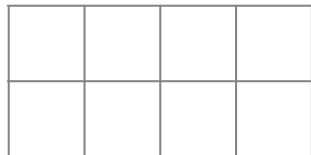
(Total 2 marks)

13. (a) Shade $\frac{3}{4}$ of this shape.



(1)

(b) Shade 0.25 of this shape.



(1)

(c) Change 0.3 into a fraction.

..... (1)

(d) Change 0.7 into a percentage.

..... % (1)

(e) Work out $\frac{3}{4}$ of £36

£ (2)

(Total 6 marks)

14. (a) Write 92% as a decimal.

..... (1)

(b) Write 3% as a fraction.

..... (1)

(c) Work out 5% of 400 grams.

..... grams (2)
(Total 4 marks)

15. Nassim buys petrol from his local garage.

On Monday, he filled up his tank.

On Tuesday, his tank was $\frac{3}{4}$ full.

(a) What fraction of the full tank of petrol had he used?

..... (1)

(b) Write $\frac{3}{4}$ as a decimal.

..... (1)

(c) Write $\frac{3}{4}$ as a percentage.

..... (1)

(Total 3 marks)

16. A newspaper reporter did a survey.
He asked people what was their favourite leisure activity.

The table gives some information about the answers he got.

Favourite leisure activity	Percentage
Home Improvements	22%
Shopping	14%
Gardening	9%
All others	

- (a) Complete the table.

(1)

- (b) Write 9% as a decimal.

.....

(1)

400 people were asked in the survey.

- (c) How many people said their favourite leisure activity was gardening?

.....

(2)

(Total 4 marks)