



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

.....25.....%

(1)

(b) Write 0.23 as a percentage.

.....23.....%

(1)

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

$$\frac{42}{100} = \frac{21}{50}$$

.....~~0.42~~  $\frac{21}{50}$ .....

(2)

(Total 4 marks)

2. (a) Write 0.15 as a percentage.

.....15.....%

(1)

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

$$\frac{35}{100} = \frac{7}{20}$$

..... $\frac{7}{20}$ .....

(2)

(Total 3 marks)

3. (a) Work out 50% of £60

£ .....30.....

(1)

(b) Work out 25% of 20 metres.

.....5..... metres

(1)

(Total 2 marks)

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

..... 0.9 .....

(1)

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

..... 75 ..... %

(1)

- (c) Write 23% as a fraction.

$\frac{23}{100}$   
.....

(1)

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

..... 10 .....

(1)

(Total 4 marks)

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

..... 20 ..... %

(1)

- (b) Write 0.7 as a percentage.

..... 70 ..... %

(1)

(Total 2 marks)



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

.....25.....%

(ii) Write 0.8 as a percentage.

.....80.....%

(2)

(b) Write 76% as a decimal.

.....0.76.....

(1)

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

$\frac{45}{100}$

..... $\frac{9}{20}$ .....

(2)

(Total 5 marks)

7. (a) Write 0.85 as a percentage.

.....85.....%

(1)

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

.....10.....%

(1)

(c) Write 60% as a decimal.

.....0.6.....

(1)

(Total 3 marks)

8. (a) Write 0.37 as a percentage.

.....37.....%

(1)

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

.....25.....%

(1)

(c) Write 19% as a fraction.

..... $\frac{19}{100}$ .....

(1)



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

$$\frac{40}{140} = \frac{2}{7}$$

.....  
.....

(2)

(Total 5 marks)

9. (a) Write 0.45 as a percentage.

.....45.....%

(1)

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

.....75.....%

(1)

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

..... $\frac{3}{10}$ .....

(2)

(Total 4 marks)

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

- (i) as a decimal,

.....0.1.....

- (ii) as a percentage.

.....10%.....

(Total 2 marks)

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

.....20.....%

(1)

- (b) Write 0.64 as a percentage.

.....64.....%

(1)

- (c) Write 70% as a decimal.

.....0.7.....

(1)

(Total 3 marks)

12. (a) Write 0.38 as a percentage.

.....38.....%

(1)

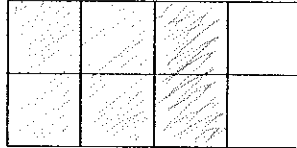
(b) Write  $\frac{3}{10}$  as a percentage.

.....30.....%

(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.

..... $\frac{3}{10}$ .....

(1)

(d) Change 0.7 into a percentage.

.....70.....%

(1)

(e) Work out  $\frac{3}{4}$  of £36

£ .....27.....

(2)

(Total 6 marks)

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

0.92

(1)

(b) Write 3% as a fraction.

$\frac{3}{100}$

(1)

(c) Work out 5% of 400 grams.

20 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?

$\frac{1}{4}$

(1)

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

0.75

(1)

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

75%

(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	55%

- (a) Complete the table.

(1)

- (b) Write 9% as a decimal.

..... 0.09 .....

(1)

400 people were asked in the survey.

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

9% of 400

..... 36 .....

(2)

(Total 4 marks)