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.

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

.... $\frac{2}{7}$

(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.

..................3/10.................

(2)
(Total 4 marks)

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

    (i) as a decimal,

..................0.1.................cm

    (ii) as a percentage.

..................10%.................cm

(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.

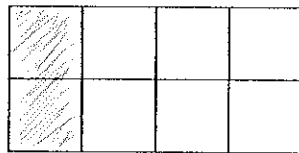...........30........ %

(1)

(Total 2 marks)

13. (a) Shade $\frac{3}{4}$ of this shape.
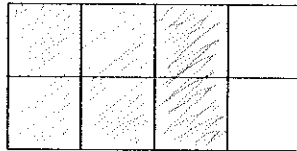
(1)

(b) Shade 0.25 of this shape.

(1)

-(c) Change 0.3 into a fraction.

$3/10$

....

(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)