

Percentage of an Amount

For Pearson Edexcel GCSE Mathematics (1MA1) • Foundation tier

Name _____

Total marks: **25**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method. You must **not** use a calculator.

1 Work out 50% of 360

.....
(1)

(Total for Question 1 is 1 mark)

2 Work out 30% of 90

.....
(2)

(Total for Question 2 is 2 marks)

3 Write these values in order of size.
Start with the smallest value.

30% of 70 25% of 88 45% of 40

You must show your working.

.....
(3)

(Total for Question 3 is 3 marks)

- 4** A bakery made 1200 bread rolls on Saturday.
It sold 85% of the bread rolls.

(a) How many of the bread rolls were not sold?

.....
(2)

(b) The bread rolls that were not sold are put into bags of 12
The bags are given to a food bank.
How many bags are given to the food bank?

.....
(1)

(Total for Question 4 is 3 marks)

- 5** Kemi makes 2.5 litres of fruit punch.
30% of the punch is orange juice.
15% of the punch is lemonade.
The rest of the punch is apple juice.
How many millilitres of apple juice does Kemi use?

..... ml
(3)

(Total for Question 5 is 3 marks)

- 6** Sanjay is running one lap of a 400 m track.
He has run 65% of the lap.

How many more metres must Sanjay run to finish the lap?

..... m
(2)

(Total for Question 6 is 2 marks)

- 7** Lowri works in a clothes shop.
She buys a coat that has a price of £84
She gets a staff discount of 15%
She pays with a £100 note.

How much change should Lowri get?

£
(3)

(Total for Question 7 is 3 marks)

- 8** There are 1200 students at a school.
55% of the students have a pet.
40% of the students who have a pet have a dog.

What percentage of all the students at the school have a pet that is not a dog?

..... %
(4)

(Total for Question 8 is 4 marks)

- 9** A charity shop has 300 books to sell.
40% of the books are paperbacks.
The rest of the books are hardbacks.
The shop sells all of the paperbacks for £1.50 each.
It sells 75% of the hardbacks for £2.50 each.

Work out the total amount of money the shop gets from selling these books.

£
(4)

(Total for Question 9 is 4 marks)
