

Name: _____

GCSE (1 – 9)

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 Work out 10% of £95

£.....

(Total for question 1 is 1 mark)

2 Work out 50% of 1200 grams

..... grams

(Total for question 2 is 1 mark)

3 Work out 1% of 200 litres

.....litres

(Total for question 3 is 1 mark)

4 Find 21% of £160

£.....

(Total for question 4 is 2 marks)

5 Find 45% of 820

.....

(Total for question 5 is 2 marks)

6 Find 36% of 2500

.....

(Total for question 6 is 2 marks)

7 Work out 252% of 120.

.....
(Total for question 7 is 2 marks)

8 Which is greater
25% of 90 or 28% of 82

You must show your working.

.....
(Total for question 8 is 3 marks)

9 Which is greater
30% of 105 or 32% of 98

You must show your working.

.....
(Total for question 9 is 3 marks)

- 10** Richard gets a bonus of 30% of £130
Connor gets a bonus of £40

Work out the difference between the bonus Richard gets and the bonus Connor gets

£.....

(Total for question 10 is 3 mark)

- 11** There are adults and children in a cinema.
There are 48 adults.
25% of the people at the cinema are children.

Work out the total number of people at the cinema.

.....
(Total for question 11 is 3 marks)

- 12** David is paid £34000 per year.
He is going to get a 3% increase in the amount of money he is paid.

Work out how much money David will be paid per year after the increase

£.....

(Total for question 12 is 2 marks)

- 13** Abbie buys a sofa for £540
She pays a deposit of 15% and the rest of the money in monthly payments of £17.

How many monthly payments will Abbie need to pay?

.....

(Total for question 13 is 3 marks)

- 14** Dermot bakes 420 cakes.
He bakes only vanilla cakes, banana cakes and lemon cakes.
120 of the cakes are vanilla cakes.
35% of the cakes are banana cakes.

Work out the number of lemon cakes Dermot bakes.

.....
(Total for question 14 is 3 marks)

- 15** Amelia and Sophie did a test.
The total for the test was 75 marks.

Amelia got 56% of the 75 marks.
Sophie got 43 out of 75

Who got the highest mark?
You must show all your working.

(Total for question 15 is 2 marks)

16 Zoe wants to buy 6 tins of beans for the cheapest possible price.

Shop A and Shop B both have a special offer.

Shop A

5% off the normal price of 48p

Shop B

65p each
Buy 2 get 1 free

Which shop should Zoe buy the beans from?
You must show how you get your answer.

(Total for question 16 is 3 marks)

17 Gary buys a dress in a sale.
The normal price of the dress is reduced by 20%
The normal price is £36.80

Work out the sale price of the dress.

£.....

(Total for question 17 is 3 marks)

18 Holly invests £500 for 4 years in a bank account.
The account pays simple interest at a rate of 1.5% per year.

Work out the total amount of interest Holly has got at the end of 4 years.

£.....

(Total for question 18 is 3 marks)

19 Phil invests £800 for 3 years in a bank account.
The account pays simple interest at a rate of 2% per year.

Work out the total amount of interest Phil has got at the end of 3 years.

£.....

(Total for question 19 is 2 marks)
