



Scan for the solutions

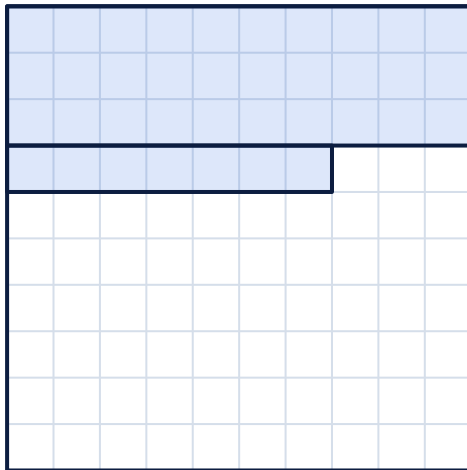
Name: _____

Date: _____

Score: _____ / 32

1 The grid is made of 100 equal squares. Some of the squares are shaded.

- What percentage of the grid is shaded?
- What percentage of the grid is not shaded?
- Write the shaded part of the grid as a decimal.



(3 marks)

Answer _____

2 Write down 50% of £86

(1 mark)

Answer _____

3 Do not use a calculator.

a. Copy and complete for £240.

50% of £240 =

25% of £240 =

10% of £240 =

5% of £240 =

1% of £240 =

b. Use your answers to work out 36% of £240

(4 marks)

Answer _____

4 Work out 15% of £60

(2 marks)

Answer _____

5 Write down the single decimal number you multiply by to

a. find 30% of an amount

b. increase an amount by 20%

c. decrease an amount by 15%

d. The price of a bus pass is multiplied by 1.04. Describe the percentage change in the price.

(4 marks)

Answer _____

6 The value of a van is multiplied by 0.88 each year.

Write down the percentage decrease in the value of the van each year.

(1 mark)

Answer _____

7 A bottle contains 850 ml of juice.

34% of the juice is orange juice.

Work out how many millilitres of orange juice are in the bottle.

(2 marks)

Answer _____

8 Do not use a calculator.

a. A football club season ticket costs £180. Next season the price will increase by 5%. Work out the new price.

b. A pair of trainers costs £64. In a sale the price is reduced by 25%. Work out the sale price.

(4 marks)

Answer _____

9 Ben's rent is £240 each week.

His rent is increased by 35%.

Work out Ben's new weekly rent.

(3 marks)

Answer _____

10 You may use a calculator.

a. A normal bag of popcorn holds 150 g. A special offer bag holds 12% extra. How many grams does the special offer bag hold?

b. A tablet costs £385. In a sale the price is reduced by 17%. Work out the sale price.

(4 marks)

Answer _____

11 A computer game costs £40 in two shops.

- Shop A: 15% off
- Shop B: £5 off, then a further 5% off the new price

In which shop is the game cheaper, and by how much?

You must show your working. Do not use a calculator.

(4 marks)

Answer

End of questions | Total 32 marks