

Name: \_\_\_\_\_

## GCSE (1 – 9)

# Reverse 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** The value of a house increased by 6%.  
The house then had a value of £265 000

Work out the value of the house before the increase.

£ .....

**(Total for Question 1 is 2 marks)**

---

- 2** In a sale, the normal price of a book is reduced by 20%.  
The sale price of the book is £4.80

Work out the normal price of the book.

£ .....

**(Total for Question 2 is 2 marks)**

---

- 3** The value of a litre of petrol increased by 8%.  
A litre of petrol then cost £1.62

Work out the price of a litre of petrol before the increase.

£ .....

**(Total for Question 3 is 2 marks)**

---

- 4 In a sale, normal prices are reduced by 25%.  
The normal price of a coat is reduced by £12

Work out the normal price of the coat.

£ .....

**(Total for Question 4 is 2 marks)**

---

- 5 In a sale, the normal price of a TV is reduced by 20%.  
The sale price of the TV is £660

Work out the normal price of the TV.

£ .....

**(Total for Question 5 is 2 marks)**

---

- 6 The cost of a council tax bill increased by 5%.  
The council tax bill increased by £62.

Work out the cost of the council tax bill before the increase

£ .....

**(Total for Question 6 is 2 marks)**

---

- 7 The price of a train season ticket increased by 4%.  
The price of the ticket increased by £152.20

Work out the price of the train ticket before the increase.

£ .....

**(Total for Question 7 is 2 marks)**

---

- 8 In a sale, the normal price of a car is reduced by 30%.  
The sale price of the car is £6300

Work out the normal price of the car.

£ .....

**(Total for Question 8 is 2 marks)**

---

- 9 In a sale, normal prices are reduced by 15%.  
The normal price of a pen is reduced by £1.20

Work out the normal price of the pen.

£ .....

**(Total for Question 9 is 2 marks)**

---