

Name: _____

GCSE Maths

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. A shirt is on sale for **£60** after a **20% discount**. What was the original price?

(Total 3 marks)

2. After a **15% increase**, the price of a phone is **£345**. What was the original price?

(Total 3 marks)

3. A house is now valued at **£110,000** after a **10% decrease**. What was the original price?

(Total 3 marks)

4. The price of a book is **£25** after a **30% increase**. What was the original price?

(Total 3 marks)

5. A laptop is now **£850** after a **25% discount**. What was the original price?

(Total 3 marks)

6. A company's revenue is **£1,27,500** after a **12.5% decrease** due to economic downturn. What was the original revenue before the decrease?

(Total 3 marks)

7. A car's price increased by **18%** and is now valued at **£4,720**. What was the original price before the increase?

(Total 3 marks)

8. A company reduced its workforce by **22%**, leaving **4,290** employees. How many employees did the company originally have?

(Total 3 marks)

9. The price of gold increased by **27%**, and the new price is **£1,397 per ounce**. What was the original price?

(Total 3 marks)

10. A business made **£315,800** in profit after a **19.5% loss** compared to the previous year. What was the previous year's profit?

(Total 3 marks)