



# GCSE Maths

Numbers

Percentages

Name:

Date:

## Materials

You can use a calculator for these questions



## Tips

Show how you worked out the answer if you can.

## Simple Questions

1. What is 50% of 80?

Answer \_\_\_\_\_ [1 mark]

2. What is 25% of 120?

Answer \_\_\_\_\_ [1 mark]

3. Express 0.4 as a percentage.

Answer \_\_\_\_\_ [1 mark]

4. Increase 60 by 10%.

Answer \_\_\_\_\_ [1 mark]

5. Decrease 90 by 20%.

Answer \_\_\_\_\_ [1 mark]



### Medium Questions

6. Find 15% of 250.

Answer \_\_\_\_\_ [2 mark]

7. Express 36 out of 80 as a percentage.

Answer \_\_\_\_\_ [2 mark]

8. A laptop costs £500. It is reduced by 30%.  
What is the new price?

Answer \_\_\_\_\_ [2 mark]

9. A population of 1,200 increases by 25%.  
What is the new population?

Answer \_\_\_\_\_ [2 mark]

10. A shirt costs £45. The price increases by 12%.  
What is the new price?

Answer \_\_\_\_\_ [2 mark]



### Difficult Questions

11. A phone costs £240 after a 20% discount.  
What was the original price?

Answer \_\_\_\_\_ [3 mark]

12. A car's value depreciates by 15% per year. If the car is worth £12,000 now,  
what will it be worth after one year?

Answer \_\_\_\_\_ [3 mark]

13. In a sale, the price of a TV is reduced by 40% to £360.  
What was the original price?

Answer \_\_\_\_\_ [3 mark]

14. A company's revenue increases from £80,000 to £92,000.  
What is the percentage increase?

Answer \_\_\_\_\_ [3 mark]

15. A student scores 78 marks on a test out of 120.  
What percentage did they achieve?

Answer \_\_\_\_\_ [3 mark]

