



EXAM PAPERS PRACTICE

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GCSE AQA Maths (8300) Foundation Tier Question Paper

Fully inlined with first assessment 2026 and suitable for
students sitting exams 2026+

Topic - Algebra

Equations - Foundation

Marks: 20

Total Marks: / 20

Topic test 1 (20 minutes)

Equations - Foundation

1(a) Solve $\frac{x}{10} = 5$

[1 mark]

$x =$ _____

1(b) Solve $2y - 9 = 18$

[2 marks]

$y =$ _____

1(c) Solve $4w + 3 = 20 - 6w$

[3 marks]

$w =$ _____

- 2** A shop gives reward points based on the money in £ spent by a customer. It uses this formula.

$$\text{reward points} = 2 \times \text{money spent} + \text{bonus}$$

The bonus is worked out using this table.

Moneyspent (tothenearest£)	1to20	21to50	50to100	Morethan 100
Bonus	5	10	20	25

- 2(a)** Amy spent £34

Work out her reward points.

[2 marks]

Answer _____

- 2(b)** Bob was given 220 reward points.
How much, to the nearest £, did he spend?

[2 marks]

Answer £ _____

3 An expression for the n th term of a sequence is $5n^2 + 2$

Write down the first three terms of the sequence.

[3 marks]

Answer _____ , _____ , _____

4 Liam and Kyle share their energy bills equally.

Their electricity bill is $\text{£}x$

Their gas bill is $\text{£}24$ more than their electricity bill.

They each pay $\text{£}59$

Work out the cost of the electricity bill and the cost of the gas bill.

[4 marks]

Electricity £ _____

Gas £ _____

5 Solve $\frac{6x+7}{5} = 2x-4$

[3 marks]

$x =$ _____

