# AQA



Please write clearly ir	ו block capitals.	
Centre number	Candidate number	
Surname		
Forename(s)		
Candidate signature	I declare this is my own work.	/

## GCSE MATHEMATICS

**Higher Tier** 

Paper 1 Non-Calculator

#### Tuesday 1 November 2022

#### Materials

For this paper you must have:

- mathematical instruments
- the Formulae Sheet (enclosed).

You must not use a calculator.

#### Instructions

- Use black ink or black ball-point pen. Draw diagrams in pencil.
- Fill in the boxes at the top of this page.
- Answer all questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

#### Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 80.
- You may ask for more answer paper, graph paper and tracing paper. These must be tagged securely to this answer book.

#### Advice

In all calculations, show clearly how you work out your answer.



### Time allowed: 1 hour 30 minutes

For Examiner's Use		
Pages	Mark	
2–3		
4–5		
6–7		
8–9		
10–11		
12–13		
14–15		
16–17		
18–19		
20–21		
22		
TOTAL		



Morning

Please note that these worked solutions have neither been provided nor approved by AQA and may not necessarily constitute the only possible solutions. Please refer to the original mark schemes for full guidance.

Any writing in blue indicates what must be written in order to answer the questions and get the marks. The worked solutions have been designed to show the smallest amount of work which needs to be done to answer the question.

Anything written in green in a cloud doesn't have to be written in the exam.

Anything written in orange in a rectangle doesn't have to be written in the exam and is there to show what should be put into a calculator or measured using a ruler or protractor.

If you find any mistakes or have any requests or suggestions, please send an email to curtis@cgmaths.co.uk











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Do not write outside the box Here is some information about 120 people who visit a shop.  $\frac{3}{4}$  of the people buy neither a coat nor a dress. 19 people buy a coat. 14 people buy a dress. Complete this Venn diagram to represent the information. [3 marks]  $\xi = 120$  people who visit the shop C = people who buy a coat D = people who buy a dress С D 3 16 ||



.CG Maths.



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Do not write outside the box







































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