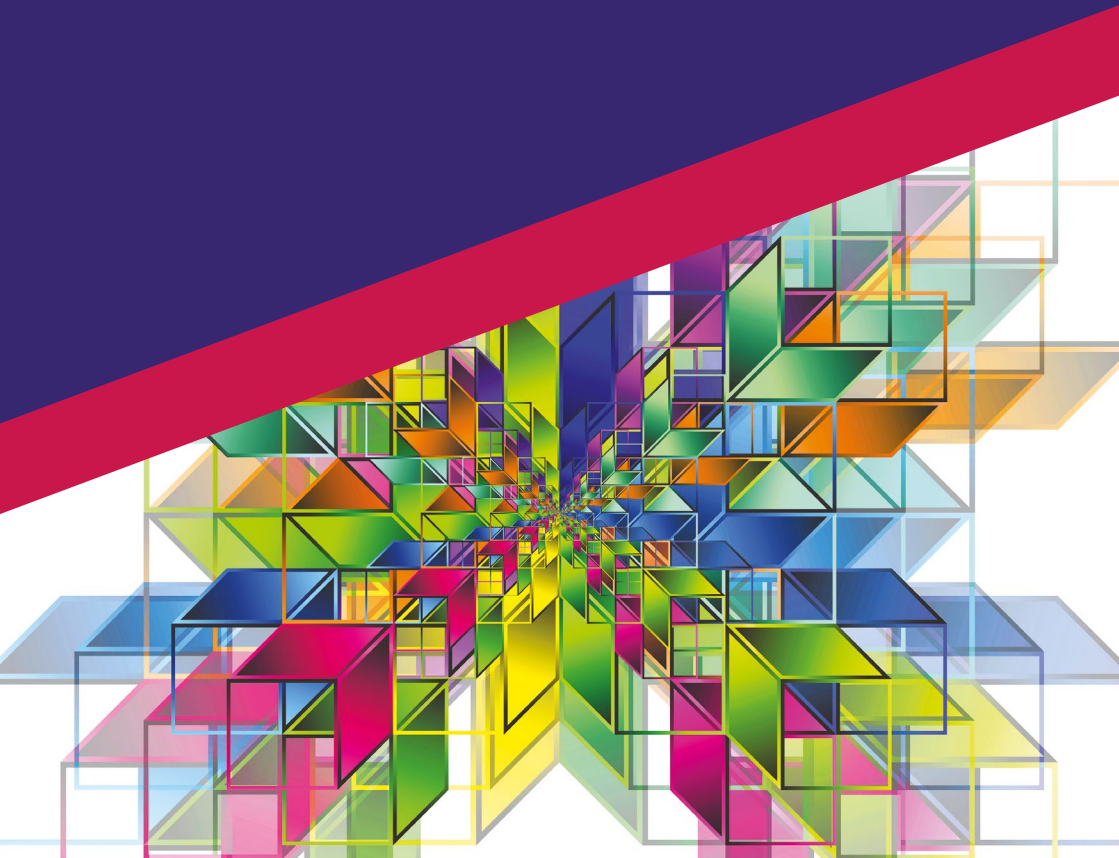


Teach GCSE Mathematics with us

Make assessment count



About AQA GCSE Mathematics

We believe that maths is for everyone. It's diverse, engaging and essential in equipping students with the right skills to reach their future destination. Our GCSE in mathematics is designed to provide a positive examination experience for a wide range of attainment, allowing all learners to demonstrate what they know, understand and can do in the subject.

Qualification aims

Our GCSE aims to provide the basis for courses of study in mathematics that are broad based, worthwhile, satisfying and coherent. Such courses should encourage your learners to develop confidence and create a positive attitude towards mathematics and, where relevant, should provide a strong mathematical foundation for further study.

How have we improved the qualification?

We are committed to continuous improvement in the performance of our examinations and in the quality of support we can offer. Recently, we have made changes to improve accessibility, clarity and validity including:

- Using **fewer multiple-choice questions** and not having them at the start of our papers
- Setting early questions that are **designed to settle learners** and allow all to show some positive attainment
- Maintaining a focus on **simple language, clear layout** and using **carefully considered context in questions, only when necessary**
- Using our **assessment expertise** and the **latest data** to ensure each question is in the right place on our paper and differentiates appropriately.

How is the assessment structured?

Two tiers of assessment, Foundation and Higher:

- Foundation tier covers grades 1 to 5
- Higher tier covers grades 4 to 9

The exam structure is the same for both tiers:

- Three papers, each 90 minutes and 80 marks
- Paper 1 is non-calculator
- Papers 2 and 3 expect the use of a calculator

All papers could assess any content and feature a mix of question styles, from short, single-mark questions to multistep problems.

Resources to support teaching

All About Maths is our dedicated resources site for maths teachers. You'll have access to the best free resources including:

- A range of editable route maps outlining a variety of approaches to covering the content
 - Including a post-16 route map with week by week lesson plans for a one-year course
- Teaching guidance including comprehensive step-by-step advice on all content areas
- Topic tests covering both tiers and all content
- Past papers for this and legacy GCSE specifications
- Practice papers exemplifying the recent improvements we've made
- Shadow papers based on past papers
- Performance analysis tools for whole class and individual reflection
- A range of resources designed specifically for use in teaching post-16 resit classes

Find out more at allaboutmaths.aqa.org.uk

“We want to give our students the best chance of making their way through papers, enabling them to complete as many questions as they can. We’ve found the AQA papers friendlier in terms of layout. AQA’s questions are clear and supportive of different literacy levels, making them accessible for more students. The context setting of questions is also more realistic. AQA papers use familiar situations which are more likely to be engaging, in turn helping learners access the maths more easily.”

Joel Hofman, Head of Maths, The College of Richard Collyer



Make t the subject of the formula $k = \frac{2(t+3)}{(t-3)}$

$$K(t-3) = 2(t+3)$$

$$Kt - 3K = 2t + 6$$

$$\begin{array}{r} -2t \\ \hline Kt - 2t - 3K = 6 \end{array} \quad \begin{array}{r} -2t \\ \hline -2t \end{array}$$

$$\begin{array}{r} +3K \\ \hline Kt - 2t - 3K = 6 + 3K \end{array} \quad \begin{array}{r} +3K \\ \hline +3K \end{array}$$

$$t(K-2) = 6 + 3K$$

Find the value $\sqrt{27 \times 3 \times 10}$

$$\begin{array}{l} 27 = 3^3 \\ 3^3 \times 3^2 = 3^5 \\ (3^5)^{\frac{1}{2}} = 3^{\frac{5}{2}} \end{array} \quad \begin{array}{l} (3^4)^{\frac{1}{2}} = 3^2 \\ 3^{\frac{5}{2}} \end{array}$$

Why choose AQA?

Want to provide your learners with a foundation for future success? Choosing AQA means equipping yourself with the tools and support needed to help your students excel in GCSE Mathematics.

As a leading independent education charity, we annually set and mark over half of the UK's GCSEs and A-levels, with income reinvested into AQA's charitable activities. Funding cutting-edge research integral to our assessments and initiatives to help learners realise their potential. Our income enhances teaching and learning through our comprehensive resources and support. We sponsor events like The Complete Mathematics Conference (Mathsconf), fostering collaboration among maths teachers. We use our experience and performance evidence to design and continuously improve our assessments, ensuring we offer the best exam experience available. We can also draw on the knowledge of our maths expert panel to advise us on our qualifications and support.

We're also here to support you, every step of the way. Like you, our priority is the learners in your care. We want to ensure they are confident and well-prepared mathematicians. We do this through our assessments and a great bank of resources to help you teach – including our popular Exampro question bank.



“The changes that AQA have made to the maths exams in 2023 has been welcomed at Meridian Trust. The papers are more accessible which allows our students to build the confidence and resilience they need to be successful. Changes to marking allows students to be better rewarded for their working, even when their final answer isn’t correct.

We’re using these papers as a mock exam and we’re learning far more about what our students can and cannot do. This allows our support to be targeted and meaningful at a cohort, class and individual basis.”

Charmayne Leggett, Director of Maths, Meridian Trust

Get in touch

Our teams are experts in assessment. We're also experts at giving you the support you need, when you need it.

Contact the team on: **0161 957 3852**

or email: **maths@aqa.org.uk**

Follow us on X/Twitter: **@AQAMaths**

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