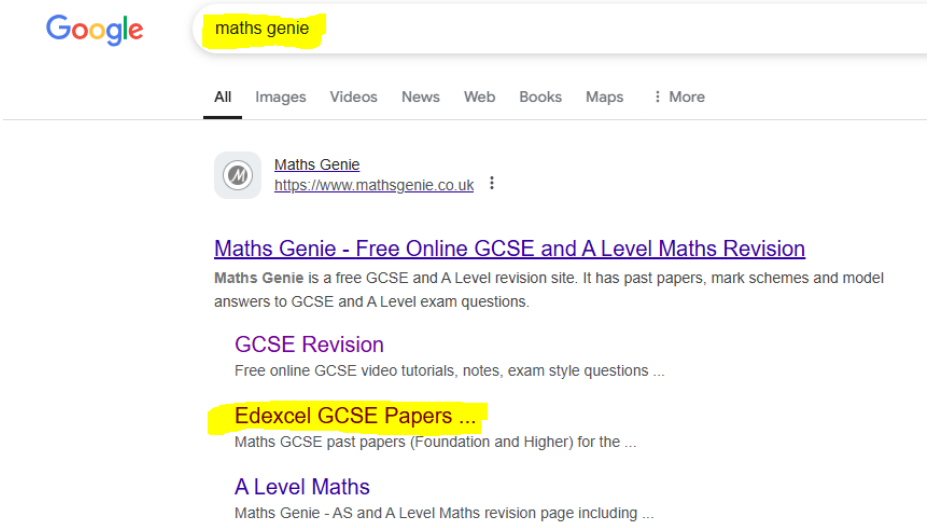
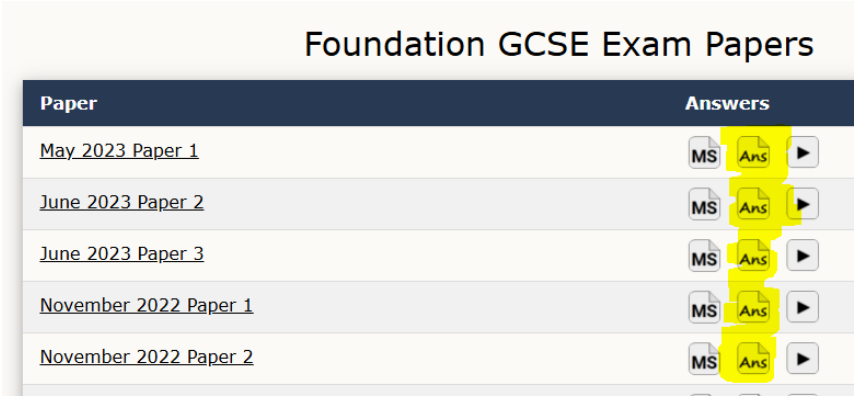
Maths Genie

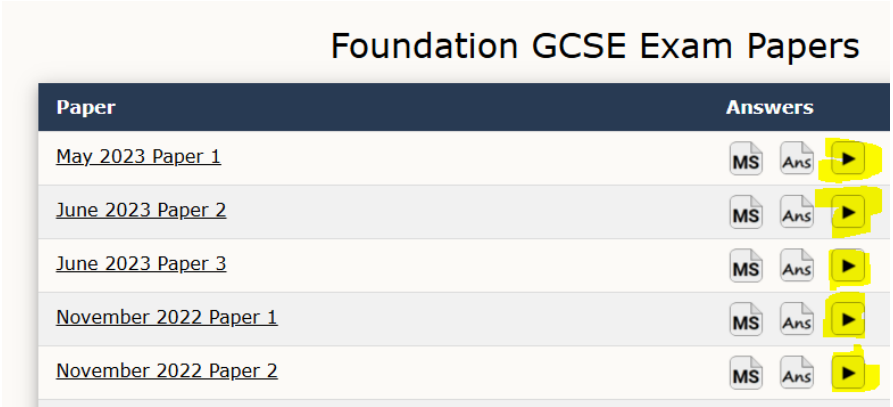
1. Google “maths genie”
2. Click “Edexcel GCSE Papers”



3. Choose a paper, click on it and print (you can print for free in school)
4. Complete the paper as much as you can
5. Mark it using the worked solutions here:



6. There are videos to help with the things you don’t know:



7. Take it to Exam Tuition after school on Tuesdays and we'll show you how to do the ones you still don't understand.

Extra additional steps - **Topic based revision**

🔷 Step 1: Access Maths Genie

1. Go to the website: https://www.mathsgenie.co.uk
2. Navigate to the GCSE Maths Section:

   •Click on "GCSE Revision" for topic-based practice.

   •Click on "GCSE Exam Papers" for past papers and mark schemes.

🔷 Step 2: Use Topic-Based Revision

🔍 Best for improving weak areas and mastering specific topics.

1. Scroll down to the "GCSE Maths Revision" Section

   •Topics are arranged by difficulty (Grade 1-9).

   •Click on a topic you need to revise.
2. Watch the Video Tutorial

   •Each topic has a detailed explanation with worked examples.
3. Download Practice Questions

   •Click on the PDF link to download practice problems.
4. Mark Your Work Using the Solutions

   •Download the mark scheme to check answers.

   •If you make mistakes, watch the video again for clarification.

✍ Tip: Prioritize weaker topics and build up to harder questions.

🔷 Step 3: Practice with Past Papers

📝 Best for exam-style practice and time management.

1. Click on "Edexcel Exam Papers"

   •Find the latest Edexcel past papers (Foundation & Higher available).
2. Download the Papers

   •Choose a past paper (Paper 1, 2, or 3) and print or work on a digital copy.
3. Attempt the Paper Under Exam Conditions

   •Set a 90-minute timer to simulate real exam conditions.

   •Use only your calculator for Papers 2 & 3 (not Paper 1).
4. Check Your Answers with the Mark Scheme

   •Compare your answers and calculate your score.

•Identify which topics you need to improve.

5. Review Mistakes with Model Solutions

•Go back to the topic-based videos if needed.

✍ Tip: Aim to complete one full paper per week leading up to the exams.

🔷 Step 4: Use the 45-Minute Tests

⏳ Best for short, focused exam practice sessions.

1. Go to the “45 Minute Tests” Section

•These tests split past papers into manageable sections.

•Great for revising in shorter bursts.

2. Choose a Test & Set a Timer

•Attempt the test without looking at notes.

•Focus on speed and accuracy.

3. Mark & Review Your Performance

•Check answers using the mark scheme.

•Redo any incorrect questions.

✍ Tip: Use these tests to quickly assess progress before exams.

🔷 Step 5: Track Your Progress

📊 Stay organized and measure your improvement over time.

1. Create a Study Plan

•List the topics you need to revise.

•Set weekly goals (e.g., “Finish Grade 5 topics this week”).

2. Use a Notebook or Spreadsheet

•Record past paper scores to track progress.

•Identify patterns in mistakes (e.g., weak in algebra, strong in geometry).

3. Repeat Weak Topics Regularly

•Go back to videos and practice questions to strengthen problem areas.

✍ Tip: The more you review & refine, the higher your exam confidence will be.

🔷 Step 6: Additional Tips for Success

✅ Consistency is key – practice regularly, even for short sessions.

✅ Mix it up – combine past papers, videos, and topic-based questions.

✅ Time yourself – improve speed by completing papers within set limits.

✅ Ask for help – if stuck, revisit videos or consult a teacher/tutor.

✅ Stay positive – maths is about practice, not just talent!