

Welcome to GCSE

Maths

Class of 2025

More Challenge

The GCSE Mathematics examination has become harder

There is more focus on showing method, less on the answer

There is more focus on writing explanations, less on arithmetic

2 different examinations depending on ability

Foundation (Maximum 5) and Higher (Maximum 9)

Acle Academy



Grading

9 is approx A**

8 is approx A*

7 is approx A

4 is approx C

Grade	National %	Acle %
9		%
7+		%
5+		%
4+		

AQA GCSE Maths

Paper 1: Non Calculator

Paper 2: Calculator

Paper 3: Calculator

Each paper is equal. Maximum 80 marks and lasts for 90 minutes.

You will know if you are working towards Higher or Foundation tier.

The last six questions on each Foundation paper are the first six questions on the Higher paper

Unless students can master the Foundation skills and mathematics they cannot access the Higher questions



Calculator

The calculator allowed exams make up $\frac{2}{3}$ (66%) of the marks so make sure you know how to use your calculator properly. You can easily pick up marks.

Ask your maths teacher if you need advice with using the different functions on it.

All classes have been spoken to about whether they have access to a scientific calculator at home - if you do not have one speak to me or to your maths teacher ASAP

How you can help your child at home

Act as a “Project Manager”

Are they doing their Home learning?

Is it a safe quiet space?

When it comes to mocks in June, they should be revising not just doing Home Learning.

Timetable breaks, with tea and snacks

How you can help your child at home

Be interested in their outcomes

What is their target grade?

What grade do they want?

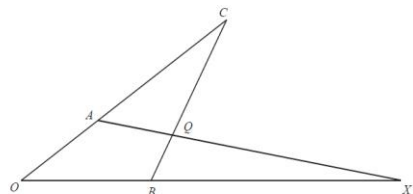
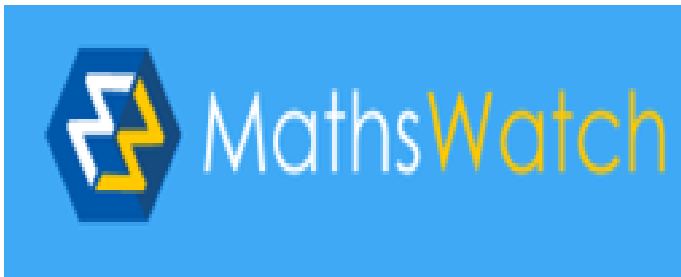
What grade do they need for their further education after year 11?

What grade are they at the moment?

What scores do they need for these grades?

Revision Guide/Maths Watch

If you are stuck on a topic when at home use your revision guide or MathsWatch to get help.



In the diagram,

$$\vec{OA} = 4\mathbf{a} \text{ and } \vec{OB} = 4\mathbf{b}$$

OAC , OBX and BQC are all straight lines.

$$AC = 2OA \text{ and } BQ : QC = 1 : 3$$

a) Find, in terms of \mathbf{a} and \mathbf{b} , the vectors which represent

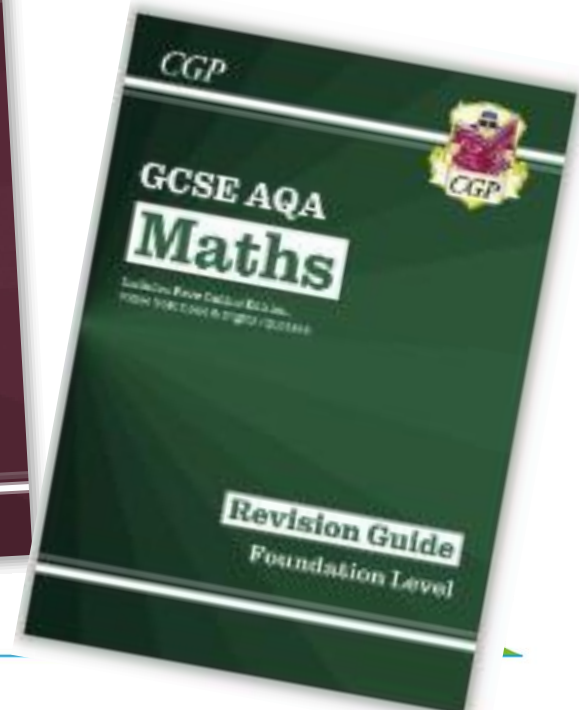
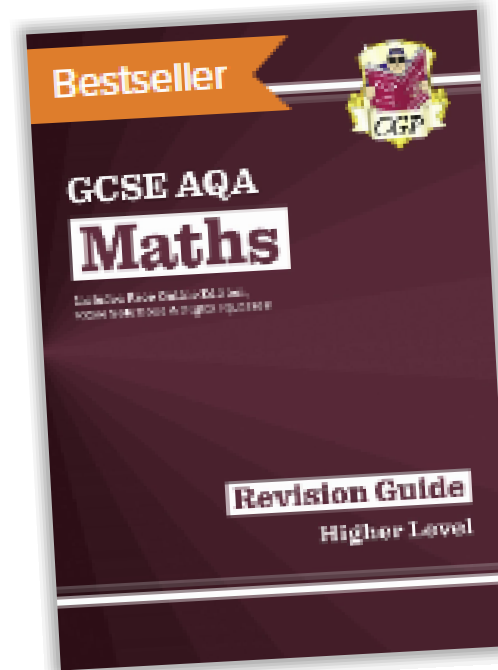
(i) \vec{BC}

(ii) \vec{AQ}

Given that $\vec{BX} = 8\mathbf{b}$

b) Show that AQX is a straight line.

We are part of...



Other useful websites

List of websites are all on you Google classroom, but include:

Maths Genie

Corbettmaths

Mathedup-GCSE Takeaway

Dr Frost Maths

These all have past paper topic packs which you can do, they are free and everything has answers so you can check your work.