

Countdown to GCSE Maths

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 should know if you are entered into Higher or Foundation tier.

Exam Tips

- Students should have their own Maths equipment including a scientific calculator. This is so they are familiar with how these things work since invigilators cannot help with these, and we cannot guarantee enough equipment for everybody in the exam.
- It's good practice to skim the paper first and then to start with easy questions to help settle nerves and get the exam underway.
- Never sit and do nothing. Spare time should always be used to gain more marks and check answers.
- Have a go. You cannot lose marks, they can only be gained.

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

Revision Tips

Practising

~~REVISING~~

MATHS

Take regular breaks

Make a timetable

Work through past papers

Google it!

Use or make revision cards, a popplet or a prez!

BUT do get them marked using a mark-scheme

Find a quiet workspace

Do a little bit of "practice" every day

Ask for help if unsure

Work through past papers

Know the formula you need to remember & what is in the paper

Study with a friend - teach them a topic & vice versa

Know what topics to focus on

Make sure you have and USE a recommended revision guide



Follow @ReviseJustMaths

make a list and update it regularly

It's no good just owning a guide ... USE IT!

Watch the tutorials or revision clips your teacher suggests

To revise maths you need to DO maths!

Formulae

Learn the formulae.

There are plenty of songs on YouTube that help you to memorise them.

Use flashcards and self/peer test.

Practise makes perfect:

Do lots of exam practice and past papers.

We say to practice not until you get it right, but until you never get it wrong.

It's all about repetition.

Practice, Practice, Practice...

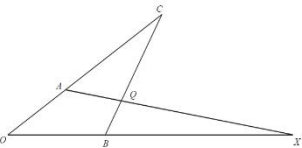
Revise little and often rather than one big chunk a week. Every minute of revision counts and every minute of every lesson counts.

As well as completing your MathsWatch home learning, you should aim to complete lots exams papers before your final exam in May/June.

Make sure you work your way through the whole paper because it doesn't go in order of difficulty, so there might be something at the end where you could pick up extra marks. Attempt everything.

Revision Guide/Maths Watch

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



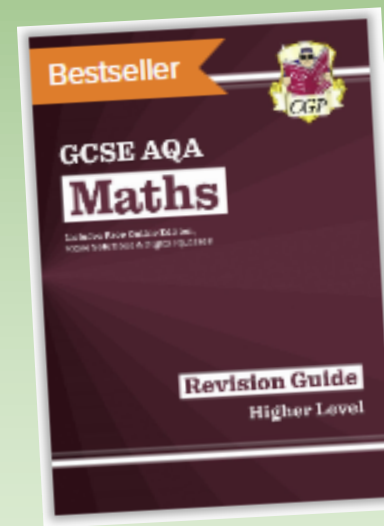
In the diagram, $\vec{OA} = 4\mathbf{a}$ and $\vec{OB} = 4\mathbf{b}$.
 OAC , OBX and BQC are all straight lines.
 $AC = 2OA$ and $BQ : QC = 1 : 3$

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

- \vec{BC}
- \vec{AQ}

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

b) Show that AQX is a straight line.



PIXL

- PiXL is an organisation set up by teachers for teachers.
- There is a wealth of resources they have developed for multiple subjects.
- They have also developed the “PiXL Maths App” which is downloadable on any Windows, Apple or Android device or desktop computer.
- EVERY student in the school has access to this.
- In particular, for year 11, there are “Walking Talking Mocks” (WTMs) which have past papers and videos of someone working through them.
- Besides this, there are tests, challenges and activities designed to help with any part of the curriculum, including a useful Arithmetic section.

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.

And finally for Maths...

We know our students can do it – they need to believe in themselves because they have been taught it all.

Good Luck

