

# Subject: Maths (Higher)

Exam board: AQA

## You need to KNOW:

Number- HCF and LCM, Standard Form, Recurring Decimals, Fractions, Indices, Surds, Bounds

Algebra- Inequalities, Forming and Solving Equations, Sequences, Algebraic Manipulation, Quadratics, Algebraic Fractions, Rearranging Formulae, Sequences, Graphs, Iteration, Simultaneous Equations, Proof

Ratio, Proportion and Rates of Change- Compound interest and Depreciation, Reverse Percentages, Direct and Inverse Proportion, Speed and Density

Geometry and Measures- Angles, Area, Surface Area, Volume, Circles, Similar Shapes, Loci and Constructions, Bearings, Transformations, Circle Theorems, Trigonometry, Pythagoras, Vectors, Congruency

Probability- Probability, Probability Trees, Venn Diagrams

Statistics- Averages from tables, Scatter Graphs, Cumulative Frequency, Box Plots,

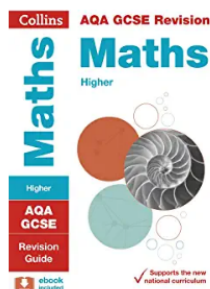
## How to revise KNOWLEDGE in this subject:

The best way to revise maths is to DO lots of maths; access the Corbett maths website, clicking on the tab named videos and worksheets. This should bring up a contents page of topics, students should pick a topic, watch the video explaining the content, then attempt the practice questions linked to the video. These practice questions are exam style questions and each topic has worked answers found within the contents list too.

## Key websites:

GCSE POD, Corbett Maths

## Revision guide:



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AQA GCSE 9-1 Maths Higher Revision Guide: Ideal for home learning, 2022 and 2023 exams (Collins GCSE Grade 9-1 Revision)

by Collins GCSE | 7 Sep 2015

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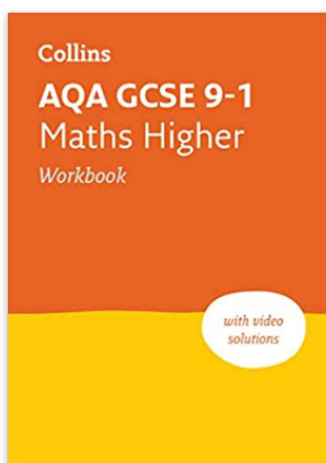
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## Revision workbook:



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#### PLEASE NOTE:

For 2022 only, a formulae sheet will be provided in the exam. This means that students will be able to demonstrate their mathematical understanding without having to memorise formulae.

To help students focus their exam preparation, there will be advance information on what exams will cover.

This advance information will be available by 7 February 2022, or sooner if the pandemic worsens.