

Yr 10 Mathematics Higher Tier

Exam Board: AQA

Invigilated Paper

Revision list for Paper 1 Non– Calculator

Algebra

Adding algebraic fractions
Algebraic Fractions
Arithmetic progression
Equation of a straight line
Evaluate answer
Expansion problem
Factorising Quadratics
Formula from a graph
Geometric progression
Geometry proof: Circle Theorems
Simultaneous equations
Transformation of Graphs
Understanding trigonometric values/graphs
Quadratic Equations: Factorising

Geometry

Arc length of a sector
Circumference of circle
Column vector
Exact Trigonometric values
Similarity ratios: Area Scale Factor
Trigonometry

Number

Decimal to fraction
Fraction to decimal
Fractions of Quantities
Index form
Laws of indices
Negative fractional power
Order numbers
Percentages of Quantities
Power zero
Product of prime factors
Rationalising a surd
Reciprocal
Square and cube numbers
Surds

Probability

Venn diagram

Ratio

Direct proportion
Inverse proportion
Iterative process
Perimeter problem
Ratio between two values
Ratio problem
Sharing a quantity by a given ratio

Statistics

Correlation
Histogram

Exam Length: 90 Minutes

Useful revision resources:

Mathswatch - <https://vle.mathswatch.co.uk/vle/>

Corbett maths <https://corbettmaths.com/>

BBC bitesize <https://www.bbc.co.uk/bitesize>

Oak Academy <https://www.thenational.academy/>

GCSE pod