

GCSE 2018/2019 MATHEMATICS FORMULAE



Dear Students,

For your GCSE Mathematics exam, you will have to remember lots of formulae. You will have covered these in class and will have used them over and over again to solve problems.

Make sure you have learnt these all thoroughly as you will need the correct formulae in order to answer the questions fully.

Here you will find a list of the ones you need for the foundation papers and the higher papers. Any formulae that are not listed here will be given to you in the exam next to the question.

Good luck and all the very best.

From the Maths team.



GCSE 9-1 Mathematics Formulae - Foundation

Formulae you **NEED** to remember

AREAS





PYTHAGORAS THEOREM

CIRCLES





Circumference = $2 \times \pi \times radius = 2 \pi r$

TRIGONOMETRY

Remember - SOH CAH TOA









GCSE 9-1 Mathematics Formulae - Higher

Formulae you **NEED** to remember

AREAS



QUADRATIC EQUATIONS

The solution to $ax^2 + bx + c = 0$ Where $x = \frac{-b + \sqrt{b^2 - 4ac}}{2a}$





