

GCSE Maths topics you need to be confident with for A Level Maths:

ALGEBRA

- Solving linear equations
[MyMaths: Algebra – Equations Linear](#) [MathsWatch: Clip 105](#)
- Simultaneous equations
[MyMaths: Algebra – Equations Simultaneous](#) [MathsWatch: Clip 142, 115, 165](#)
- Expanding brackets
[MyMaths: Algebra – Algebraic manipulation](#) [MathsWatch: Clip 103](#)
- Factorising
[MyMaths: Algebra – Algebraic manipulation](#) [MathsWatch: Clip 104](#)
- Inequalities
[MyMaths: Algebra – Inequalities](#) [MathsWatch: Clip 108, 109](#)
- Solving Quadratic equations by factorising, quadratic formula, and completing the square
[MyMaths: Algebra – Equations Quadratic](#) [MathsWatch: Clip 140, 161, 162](#)
- Recognise the difference of two squares
[MyMaths: Algebra – Algebraic manipulation](#) [MathsWatch: Clip 141](#)
- Rearranging formulae
[MyMaths: Algebra – Expressions and formulae](#) [MathsWatch: Clip 107, 164](#)
- Algebraic fractions
[MyMaths: Algebra – Algebraic manipulation](#) [MathsWatch: Clip 163](#)
- Transforming graphs
[MyMaths: Algebra – Graphs](#) [MathsWatch: Clip 167](#)

NUMBER

- Indices
[MyMaths: Number – Powers and roots](#) [MathsWatch: Clip 111, 156](#)
- Surds
[MyMaths: Number – Powers and roots](#) [MathsWatch: Clip 157, 158](#)

SHAPE AND SPACE

- Pythagoras' Theorem
[MyMaths: Shape – Pythagoras](#) [MathsWatch: Clip 118, 119](#)
- Trigonometry in right angled triangles (SOHCAHTOA)
[MyMaths: Shape – Trigonometry](#) [MathsWatch: Clip 147](#)
- Sine and cosine rule
[MyMaths: Shape – Trigonometry](#) [MathsWatch: Clip 173](#)
- Area of a non-right angled triangle
[MyMaths: Shape – Trigonometry](#) [MathsWatch: Clip 176](#)

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