
AQA GCSE Maths 8300

Topics and Resources

Foundation Tier

Number

[Basic number](#)
[Basic fractions](#)
[Basic decimals](#)
[Basic percentages](#)
[Calculating with percentages](#)
[Factors and multiples](#)
[Indices](#)
[Rounding](#)
[Standard form](#)

Algebra

[Basic Algebra](#)
[Algebra and graphs](#)
[Algebra: Quadratics, rearranging formulae and identities](#)
[Algebra recap and extension](#)
[Coordinates and Linear Graphs](#)
[Equations](#)
[Graphs recap and extension](#)
[Inequalities](#)
[Quadratic graphs](#)
[Real life graphs](#)
[Sequences](#)
[Simultaneous equations](#)
[Sketching graphs](#)
[Solving quadratic equations](#)

Ratio, proportion and rates of change

[Calculating with percentages](#)
[Direct and inverse proportion](#)
[Growth and decay](#)
[Basic percentages](#)
[Ratio and proportion](#)

Geometry and measures

[Angles](#)
[Introduction to circumference and area](#)
[Circumference and area](#)
[Further circumference and area](#)
[Congruence and similarity](#)
[Constructions and loci](#)
[Measures](#)
[Introduction to perimeter and area](#)
[Perimeter and area](#)

[Further perimeter and area](#)
[Properties of polygons](#)
[Pythagoras' theorem](#)
[Scale diagrams and bearings](#)
[Transformations](#)
[Introduction to trigonometry](#)
[Trigonometry](#)
[Vectors](#)
[Volume](#)
[2D representations of 3D shapes](#)

Probability

[Collecting and representing data](#)
[Scatter graphs](#)
[Statistical measures](#)

Statistics

[Collecting and representing data](#)
[Scatter graphs](#)
[Statistical measures](#)

Higher Tier

Number

[Basic decimals](#)
[Factors and multiples](#)
[Basic fractions](#)
[Fractions and decimals](#)
[Indices](#)
[Basic number](#)
[Basic number, factors and multiples](#)
[Basic percentages](#)
[Rounding](#)
[Standard form](#)
[Surds](#)
[Number recap and review](#)

Algebra

[Basic algebra review](#)
[Algebra: introduction to quadratics and rearranging](#)
[Algebra: further quadratics, rearranging formulae](#)
[Algebra: quadratics, rearranging formulae and identities](#)
[Algebra recap and review](#)
[Algebraic fractions](#)
[Coordinates and linear graphs](#)
[Equation of a circle](#)
[Equations](#)
[Further equations and graphs](#)

[Linear and quadratic equations and their graphs](#)
[Inequalities](#)
[Numerical methods](#)
[Pre-calculus and area under a curve](#)
[Real life graphs](#)
[Sequences](#)
[Simultaneous equations](#)
[Sketching graphs](#)
[Further sketching graphs](#)
[Transforming functions](#)

Ratio, proportion and rates of change

[Direct and inverse proportion](#)
[Calculating with percentages](#)
[Gradients and rates of change](#)
[Growth and decay](#)
[Ratio and proportion](#)

Geometry and measures

[Angles](#)
[Angles, scale diagrams and bearings](#)
[Circumference and area](#)
[Circle theorems](#)
[Congruence and similarity](#)
[Constructions and loci](#)
[Geometry and measures recap and review](#)
[Measures](#)
[Properties of polygons](#)
[Perimeter and area](#)
[Pythagoras' theorem and basic trigonometry](#)
[Scale diagrams and bearings](#)
[Sine and cosine rules](#)
[Transformations](#)
[Trigonometry recap and extension](#)
[Vectors](#)
[Volume](#)
[2D representations of 3D shapes](#)

Probability

[Basic probability](#)
[Probability](#)

Statistics

[Collecting and representing data](#)
[Scatter graphs](#)
[Statistical measures](#)
[Statistics recap and review](#)