

Pearson Edexcel

Level 1/Level 2 GCSE (9-1) Specification

Grades 1/2

Addition and Subtraction

Multiplication and Division

Powers and Roots

Factors and Multiples

Fractions of an Amount

Fractions, Decimals and Percentages

Negative Numbers

BIDMAS

Simplifying Algebra

Angles

Area

Averages

Frequency Polygons

Stem and Leaf

Pie Charts

Grade 3

Fractions

Ratio

Proportion

Percentages

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Exchange Rates
Best Buy Questions

Substitution

Solving Equations with an Unknown on Both Sides

Drawing Graphs

Area and Circumference of Circles

Transformations - Rotations

Transformations - Reflections

Transformations - Enlargements

Transformations - Translations

Transformations - Mixed Transformations

Area of Compound Shapes

Probability

Grade 4

Compound Interest and Depreciation

Indices

HCF and LCM

Functional Maths Questions

Inequalities

Inequalities on Graphs

Forming and Solving Equation

Sequences (Nth Term)

Expanding and Factorising

Pythagoras

Angle Problems

Angles in Parallel Lines

Angles in Polygons

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Surface Area

Volume of Prisms

Cylinders

Loci and Construction

Bearings

Averages from Frequency Tables

Probability

Scatter Graphs

Grade 5

Reverse Percentages

Standard Form

Speed and Density

Changing the Subject of a Formula

Expanding and Factorising Quadratics

Solving Quadratics

Drawing Quadratic Graphs

Drawing Other Graphs: Cubic/Reciprocal

Simultaneous Equations

Solving Simultaneous Equations Graphically

Equation of a Line

Spheres and Cones

Sector Areas and Arc Lengths

Similar Shapes (Lengths)

SOHCAHTOA

Congruent Triangles

Probability Trees

Venn Diagrams

Grade 6

Recurring Decimals to Fractions
Fractional and Negative Indices
Similar Shapes (Area and Volume)
Enlarging with Negative Scale Factors
Circle Theorems
Cumulative Frequency and Box Plots

Grade 7

Surds
Bounds
Direct and Inverse Proportion
Quadratic Formula
Algebraic Fractions
Rearranging Harder Formulae
Harder Graphs: Trig/Exponential
Inverse and Composite Functions
Solving Equations using Iteration
Sine Rule, Cosine Rule, Area of Any Triangle
3d Pythagoras
Vectors
Histograms
Venn Diagrams ("Given that" questions)

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Grade 8-9

Simultaneous Equations with a Quadratic

Transforming Graphs $y=f(x)$

Proof

Completing the Square

The Nth Term of a Quadratic Sequence

Quadratic Inequalities

Velocity Time Graphs

Proof of the Circle Theorems

Perpendicular Lines and the Equation of a Tangent