

Year 11 Higher Revision List

Grade 4 Compound Interest and Depreciation Indices Prime Factors, HCF and LCM Real Life and Distance Time Graphs Inequalities Forming and Solving Equations Sequences (Nth Term) Expanding and Factorising Pythagoras Angles in Parallel Lines Angles in Polygons Surface Area Volume of a Prism Cylinders Loci and Construction Bearings Plans and Elevations Averages from Frequency Tables Probability Scatter Graphs	Grade 6 Recurring Decimals to Fractions Fractional and Negative Indices The Product Rule for Counting Repeated Percentage Change Expanding Triple Brackets Parallel and Perpendicular Lines Inequalities on Graphs Similar Shapes (Area and Volume) Enlarging with Negative Scale Factors Circle Theorems Cumulative Frequency Box Plots
Grade 5 Writing a Ratio as a Fraction or Linear Function Direct and Inverse Proportion 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 Midpoint of a Line Segment Gradient of a Line Equation of a Line Spheres and Cones Sector Areas and Arc Lengths Similar Shapes (Lengths) SOHCAHTOA (Trigonometry) Exact trig values Vectors Probability Trees Venn Diagrams	Grade 7 Surds Bounds Direct and Inverse Proportion Quadratic Formula Factorising Harder Quadratics Algebraic Fractions Rearranging Harder Formulae Trigonometric and Exponential Graphs Inverse and Composite Functions Iteration Finding the Area of Any Triangle The Sine Rule The Cosine Rule Congruent Triangles 3d Pythagoras and Trigonometry Histograms Conditional Probability