

Higher checklist (Grade 6-9)

Grade 6

Topic	Example(s)	Exam Questions	Solutions
Recurring Decimals to Fractions	Revision	Converting Recurring Decimals to Fractions	Solutions
Fractional and Negative Indices	Revision	Fractional and Negative Indices	Solutions
The Product Rule for Counting	Revision	The Product Rule for Counting	Solutions
Repeated Percentage Change		Repeated Percentage Change	Solutions
Expanding Triple Brackets	Revision	Expanding Triple Brackets	Solutions
Parallel and Perpendicular Lines	Revision	Parallel and Perpendicular Lines	Solutions
Length of a Line	Revision		
Inequalities on Graphs	Revision	Inequalities on Graphs	Solutions
Similar Shapes (Area and Volume)	Revision	Similar Shapes (Area and Volume)	Solutions
Enlarging with Negative Scale Factors		Enlarging with Negative Scale Factors	Solutions
Circle Theorems	Revision	Circle Theorems	Solutions
Cumulative Frequency	Revision	Cumulative Frequency	Solutions
Box Plots	Revision	Box Plots	Solutions

Grade 7

Topic	Example(s)	Exam Questions	Solutions
Surds	Revision	Surds	Solutions
Bounds	Revision	Bounds	Solutions
Direct and Inverse Proportion	Revision	Direct and Inverse Proportion	Solutions
Quadratic Formula	Revision	Quadratic Formula	Solutions
Factorising Harder Quadratics	Revision	Factorising Harder Quadratics	Solutions
Algebraic Fractions	Revision	Algebraic Fractions	Solutions
Rearranging Harder Formulae	Revision	Rearranging Harder Formulae	Solutions
Harder Graphs: Trig/Exponential	Revision	Harder Graphs: Trig/Exponential	Solutions
Inverse and Composite Functions	Revision	Inverse and Composite Functions	Solutions
Iteration	Revision	Solving Equations using Iteration	Solutions
Finding the Area of Any Triangle	Revision	Finding the Area of Any Triangle	Solutions
The Sine Rule	Revision	The Sine Rule	Solutions
The Cosine Rule	Revision	The Cosine Rule	Solutions

Topic	Example(s)	Exam Questions	Solutions
Congruent Triangles	Revision	Congruent Triangles	Solutions
3d Pythagoras	Revision	3d Pythagoras	Solutions
Histograms	Revision	Histograms	Solutions
Venn Diagrams ("Given that" questions)	Revision	Venn Diagrams	Solutions

Grade 8/9

Topic	Example(s)	Exam Questions	Solutions
Quadratic Simultaneous Equations	Revision	Quadratic Simultaneous Equations	Solutions
Transforming Graphs $y=f(x)$	Revision	Transforming Graphs $y=f(x)$	Solutions
Proof	Revision	Proof	Solutions
Completing the Square	Revision	Completing the Square	Solutions
The Nth Term of a Quadratic Sequence	Revision	Quadratic Sequences	Solutions
Quadratic Inequalities	Revision	Quadratic Inequalities	Solutions
Velocity Time Graphs	Revision	Velocity Time Graphs	Solutions
Proof of the Circle Theorems	Revision	Proof of the Circle Theorems	Solutions
Perpendicular Lines and the equation of a tangent	Revision	Perpendicular Lines	Solutions
Vectors Proof Questions	Revision	Vectors	Solutions
Probability Equation Questions		Probability Equation Questions	Solutions