

## Maths: Higher

Fractions

Ratio

Percentage Profit/Loss

Compound Measures, Speed, Pressure

Plans and Elevations

Surface Area, Area

Coordinate Problems

Transformations inc Enlargements

Indices

Box Plots

Problems Involving Circles/Circle Theorems

Proofs "a number is always..."

Surds inc. rationalising the denominator

Direct/inverse Proportion

Factorising inc. quadratics

Probability inc trees

Algebraic Fractions

Transforming Trig Graphs

Perpendicular lines to a given line

Inequalities

Simplify Expressions

Solving Equations

Prime Factor Decomposition, HCF LCM

Gradients and Equations of Lines

Plot Quadratics

Compound Interest

Vectors,

Transformation of Functions

Matching proportion graphs

Circle Theorems

Using graphs

Graphs of Circles

Simultaneous Equations

Histograms

Trig & 3d Trig/Pythagoras

Volume and Surface Area of Spheres

Limits of Accuracy (bounds)

Scatter Graphs and Correlations

Drawing shapes of equal area

Angles in Polygons

Standard Form Problems

LCM

Reverse Percentage Problems

Gradients

Similar Shapes inc area/volume

Listing Outcomes

Estimating from a graph (trapeziums)

Nth Term and sequences

Sine and Cosine Rule

Iteration

Angle Problems

Venn Diagrams

Proof – Congruence