

The Maths 'Super 60'

Make sure you master these topics during your revision!

Number

Topic

- 1 Number Calculations and number problems
- 2 Decimal calculations
- 3 BIDMAS, Powers and Roots
- 4 Indices
- 5 Standard Form
- 6 Decimal calculations
- 7 FDP
- 8 Fractions
- 9 Percentages
- 10 HCF and LCM
- 11 PF, HCF, LCM
- 12 Rounding, Bounds and Error intervals
- 13 Use of a calculator

Algebra

Topic

- 14 Inequalities
- 15 Forming and Solving Equations
- 16 Types of Sequences
- 17 Generating Sequences
- 18 Sequences (Nth Term)
- 19 Expanding and Factorising
- 20 Substitution / Changing the Subject of a Formula
- 21 Expanding and Factorising Quadratics
- 22 Solving Quadratics
- 23 Drawing Quadratic Graphs
- 24 Drawing Other Graphs: Cubic/Reciprocal
- 25 Simultaneous Equations

- 26 Solving Simultaneous Equations Graphically
- 27 Midpoint of a Line Segment
- 28 Gradient of a Line
- 29 Equation of a Line

Ratio, proportion and rates of change

Topic

- 30 Compound Measures
- 31 Recipe
- 32 Conversion graphs
- 33 Proportional Reasoning
- 34 Currency conversion
- 35 Ratio, proportion and rates of change
- 36 Compound Interest and Depreciation
- 37 Speed and Density

Geometry and measures

Topic

- 38 Area and perimeter
- 39 Plans and elevations
- 40 Pythagoras
- 41 Angle Problems
- 42 Angles in Parallel Lines
- 43 Angles in Polygons
- 44 Surface Area
- 45 Volume of Prisms
- 46 Cylinders
- 47 Spheres and Cones
- 48 Loci and Construction
- 49 Bearings
- 50 Circles, Sector Areas and Arc Lengths
- 51 Similar Shapes (Lengths)
- 52 SOHCAHTOA

53 Pythagoras and Trig mixed

54 Congruent Triangles

55 Vectors

56 Enlargements

Statistics

Topic

57 Probability Trees

58 Venn Diagrams

59 Averages from Frequency Tables

60 Scatter Graphs