

TOPIC LIST for Overall Test 4

Geometry

Area and Volume Scale Factor
Similar Shapes
Loci and constructions
Arc Length and Area of a Sector
Trigonometry

Data Handling

Basic Probability
Histograms
Quartiles

Number

Indices laws
Converting a recurring decimal into a fraction

Algebra

Equation of a straight line
Functions
Setting up and solving algebraic equations
Iterative formulae

Ratio & Proportion

Scale
Ratio

Note - your ability to perform all four operations (+ - \times \div) and use powers with all types of number (negative, integer, decimal and fractions) as well as applying them to algebraic terms, is fundamental to all mathematics.