

Unit 3 Foundation Revision Lists

Number

- 1) Ratio and Proportion
- 2) Fractions – Addition/Subtraction/Multiplication and Division
- 3) Percentages

Algebra

- 1) Formulae – Substitution of values into formulae.
- 2) Solving equations.
- 3) Trial and improvement.
- 4) Inequalities
- 5) Straight line graphs – gradients and y intercepts. Correctly plotting coordinates from a linear graph.
- 6) Solving simultaneous equations from a graph.
- 7) Quadratic graphs.
- 8) Travel/Conversion and real life graphs.

Shape and Space

- 1) Regular polygons
- 2) Plans, elevations.
- 3) Congruence and similarity.
- 4) Pythagoras' theorem
- 5) Circle questions – circumference and area of a circle.
- 6) Constructions and Loci
- 7) Symmetry
- 8) The four transformations – reflections, rotations, translations, and enlargements. Combinations of the above transformations.
- 9) Enlargements – Scale Factors.
- 10) Length, Area, and Volume.
- 11) 3D shapes and Converting Measures.
- 12) Maps and Scale maps.

