

GCSE Math; Foundation

FINAL Revision List for Paper 3 2018

Here is a list of what is likely to come up on the calculator paper 3, based on what was on the first two papers. Make sure you have your calculator and you know how to use it!

Number

- ✓ **Standard form**
- ✓ Simple and **compound interest** (incl. depreciation)
- ✓ **Reverse percentages**
- ✓ Inverse proportion
- ✓ **Error intervals**
- ✓ **Time and timetables**

Algebra

- ✓ **Factorising by taking out a common factor**
- ✓ **Expanding double brackets**
- ✓ Factorising (quadratics)
- ✓ **Setting up and solving equations**
- ✓ **Changing the subject of a formula**
- ✓ Drawing inequalities on a number line
- ✓ Solving inequalities
- ✓ **Sequences** (including the nth term)
- ✓ Graphs of cubics and reciprocals
- ✓ **Solving simultaneous equations**
- ✓ **Distance-time graph**

Geometry

- ✓ **Angles in a polygon** (interior/exterior)
- ✓ **Perimeter or area** (rectangle / triangle / trapezium / parallelogram / compound shapes)
- ✓ Surface area of cuboids and prisms
- ✓ Area of a circle
- ✓ Volume and surface area of a cylinder
- ✓ **Transformations** (translations / rotations / enlargements)
- ✓ Trigonometry (SOHCAHTOA)
- ✓ Scale drawing and maps
- ✓ **Constructions** (perpendicular bisector/angle bisector/equilateral triangle) and **Loci**
- ✓ **Bearings**
- ✓ Pyramids, cones and spheres (volume and surface area)
- ✓ Similar shapes
- ✓ Congruency (SSS, ASA, SAS, RHS)

Handling Data

- ✓ **Two way tables**
- ✓ Pictograms
- ✓ **Drawing bar charts**
- ✓ **Scatter graphs**
- ✓ Time series graphs and identifying trends
- ✓ Stem and leaf diagrams
- ✓ **Averages** (Mean/median/mode) and **range** (incl. from a table)
- ✓ Comparing distributions
- ✓ **Probability tree diagrams**
- ✓ Relative frequency (Experimental probability)
- ✓ **Venn Diagrams**

Final After-school Revision Session

11/06/18

A1 – Mr Ciccantelli – M2

A2 – Mr Flanagan-Jones – M2

A3 – Miss Pratley – M5

A4 – Mrs Harper – M1

A5 – Mrs Aston – M3

B1 – Mrs Aston – M3

B2a – Mrs McCabe – M8

B2b – Mrs Morgan – M8

B3 – Mr Ciccantelli – M7

B4 – Mrs Harper – M7

B5 – Mr Jones – M4

GOOD LUCK!!