

Higher Paper 3 Predictions 2019

These are topics that have not yet been tested so are now very likely to be tested on the next paper. This is NOT a full list, but should help target some revision.

Remember: anything that has already been on can also be tested again.

Number, Ratio and Proportion

Percentage
increase/decrease/reverse
Compound interest
Direct and inverse proportion
Density, Mass, Volume
Force, Pressure, Area
Best value
Product of prime factors
Currency conversion

Algebra

Simplify expressions including indices
Algebraic HCF and LCM
Solve linear equations
Solve quadratic equations
Quadratic formula
Iteration
Rearrange formulae
Velocity time graphs – estimating distance and acceleration
nth term of linear or quadratic sequences
Fibonacci sequence
Geometric sequences
Shading regions on a graph

Handling Data & Statistics

Using pie charts
Box Plots
Venn diagrams especially putting values into a diagram and using it.
Scatter graphs
Frequency trees

Geometry

3D Pythagoras & Trigonometry
Sector area
Transformations
Invariant points and lines
Bearings
Similar and congruent triangles
Parallel lines and angles
Converting between units

Revision (bring your calculator):

Saturday 8th June 9-12 in North building (preparing for Paper 3)

Monday 10th June 3:30-4:30 in North building (preparing for Paper 3)

Foundation Paper 3 Predictions 2019

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Number, Ratio and Proportion

Percentage
increase/decrease/reverse
Compound interest
Best value
Product of prime factors
Currency conversions

Algebra

Simplify indices
Factorise and solve quadratics
Sketch quadratic graphs
Sketching cubic and reciprocal graphs
Find roots and turning point
Solve simultaneous linear equations
Solve linear equations
Fibonacci sequence
Geometric sequence

Handling Data & Statistics

Averages
Scatter graphs
Using pie charts

Geometry & measures

Plans and elevations
Transformations
Area and perimeter
Area of a trapezium
3D shapes volume and surface area
Congruent triangles
Trigonometry
Vectors
Parallel lines and angles

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