

Higher Tier- Revision List: January Mocks

Number	Revised?
Highest Common Factor and Lowest Common Multiple	
Operations with mixed fractions	
Reverse mean	
Converting recurring decimals into fractions	
Rationalising denominators	
Error intervals/bounds	
Calculating with standard form	
Compound interest	
Combinations	
Significant figures	

Geometry and Measures	Revised?
Constructions	
Bearings	
Area and volume scale factors	
Frequency polygons	
Trigonometry	
Circle theorems	
Histograms	
Speed-time graph - area underneath	
Transformations	
Converting between measures	
Angles in polygons	
Density problems	
Vectors	

Ratio and Proportion	Revised?
Average speed	
Calculating with ratios	
Inverse proportion	

Algebra	Revised?
Indices laws	
Changing the subject	
Simplifying and solving algebraic fractions	
Setting up and solving quadratic equations	
Functions	
Composite and inverse functions	
Transformations of graphs	
Sketching quadratic graphs	
Congruent and similar triangles	
Identifying more complex graphs	
Expanding double and triple brackets	
Iteration	
Parallel and perpendicular lines	
Factorising expressions	
Algebraic proof	
Quadratic nth terms	

Probability and Statistics	Revised?
Cumulative frequency	
Estimating from cumulative frequency graphs	
Probability of events	
Sampling	
Box plots	
Scatter graphs - estimating from them	
Mean from a frequency table	
Probability trees	

Recommended Revision Cycle

Choose a topic and watch some videos on YouTube

Make notes and practise the questions

Find more exam questions using the links on SMH

Mark your work and keep practising until you can do it!

Tick it off - if you need to revise it again, highlight it.