

Y11 November Mock Exam Revision List - Higher

These are recommendations for topics you should include in your revision in preparation for the November mock exams.

For some topics there are references to either CorbettMaths or Maths Genie videos and resources that you could use to help you with this.

Calculator Paper

Topic	Corbett Maths	Maths Genie
Mean Problem Solving	53	2.14
Drawing a Pie Chart	163	2.17
Convert a Decimal to a Fraction	123	2.5
Value for Money	210	3.12
Volume of a Prism	358	4.13
Bearings	26	4.16
Relative Frequency	248	4.19
Expand a Bracket	13	4.8
Pythagoras' Theorem	257	4.9
Equation of a Line Between Two Points	195	5.15
Venn Diagrams and Set Notation	379380	5.23
Average Speed	299	5.5
Difference of Two Squares	120	5.7
Cumulative Frequency	154155	6.11
Product Rule for Counting	383	6.3
Area and Volume Scale Factors	239a,239b	6.8
Iterations	373	7.10
3D Trigonometry	332	7.15
Upper and Lower Bounds	183184	7.2
Direct Proportion	254	7.3
Algebraic Fractions	23,24	7.6
Rearranging Formulae	8	7.7
Completing the Square	10	8.4
Area Under a Curve	389	8.7
Tangent to a Curve	390a	8.9
Algebraic Sequences		
Constructions and Loci	75-78	
Express an amount as a Percentage	237	
Probability of more than one event	249	

Non-Calculator Paper

Topic	Corbett Maths	Maths Genie
Find a Missing Value in a Ratio	271b	3.5
Order of Operations	211	1.10
Cube Numbers	212	1.9
Interpreting Averages and Range	53,57	2.14
Describe a Rotation	275	3.17
Using Column Vectors to Describe Translation	325,326	3.17
Frequency Trees	376	3.19
Fraction Calculations	133,134	3.2
Solve an Inequality	179	4.5
Simultaneous Equations	295,296	5.11
Equation of a Line Between Two Points	195	5.15
Exact Trig Values	341	5.20
Venn Diagrams and Set Notation	379,380	5.23
Standard Form	300	5.4
Density	384	5.5
Form and Solve Quadratic Equations	266	5.8
Turning Point of a Curve	265a	5.9
Circle Theorems	65a	6.10
Fractional Indices	173	6.2
Negative Indices	175	6.2
Simplify Surd Expressions	305,306	7.1
Tree Diagrams - Conditional Probability	252,247	7.17
Algebraic Fractions	23,24	7.6
Plot an Exponential Graph	345	7.8
Completing the Square	10	8.4