

## Maths Year 11: Revision guide for Higher Level mocks

15 minutes per day, spent revising, will make a significant difference to your grade!

I suggest you read through the text book explanation and/or your own notes and try a few questions. Make sure you try some of the more difficult problems to stretch your self.

TOPIC	Date	NOTES	PAGE	tick
Simultaneous equations			Ch 18	
Angles		Round a point; in a triangle; between parallel lines; in polygons Not in book: look back or use waldo's site		
Prime factorisation		And LCM and HCF	P 34 and 35	
Fractions		Master numerical ones first. If you are confident try algebraic too (ch 27).	Ch 3	
Solving equations		Multiply out brackets; factorise	Ch 5	
Trigonometry		You need to be able to find a side or an angle;	Ch 2, 11,	
Linear Graphs		Be able to draw graphs and work out gradient and intercept.	Ch 13	
Trial and improvement		Not in the text book: look back or use my website.		
Indices			Ch 4, 39	
Transformations		You need to know the 4 types, plus appropriate info. Eg centre/scale factor etc		
Pythagoras' theorem		In this exercise work out whether you need trig or Pythagoras	p111	
Sequences		You need to be able to find first and second differences, and hence a formula.	Ch 36	
Averages		Include moving and grouped	Ch 7	
Data display		Cumulative frequency, box plot, stem and leaf, pie chart, scatter, frequency polygon: remind yourself where to plot points (eg end point or mid point) and how to label axes.	Ch 15 and your book	
Inequalities		Solving and shading regions	Ch 19, 23	
Length, area and Volume		This is an important topic.	Ch 10	
Brackets and factorising		Be able to multiply out (or factorise) linear and quadratic expressions.	Ch 20	
Standard index form;			Ch 12	
Percentages			Ch 9	
Loci and constructions			Ch 14	
Changing the subject of a formula			Ch 8	