



Year 10 Summer Assessments

Non-calculator & calculator

Assessment 1:

Assessment 2:

Higher Tier

Calculator Topic List

80 marks

Use: vle.mathswatch.co.uk

Expanding & simplifying expressions	93
Linear simultaneous equations	162
Percentage increase and decrease	108
Highest common factor and lowest common multiple	79, 80
Simplifying algebraic indices	82
Solving equations involving fractions	135a
Angles in polygons	123
Averages from frequency tables	130a/b
Two way tables	61
Quadratic graphs including sketching and solving	98, 160
Finding equations of lines	159a
Equations of circles	197
Application of ratio and percentages	165a
Recurring decimals to fractions	189
Solving problems with compound interest	164
Probability tree diagrams	151,175
Drawing and interpreting histograms	205
Calculations with bounds	206
Box plots	187

Non-Calculator Topic List

50 marks

Use: vle.mathswatch.co.uk

Sequences	103
Quadratic graphs	98
Prime factor decomposition	78
Equations of perpendicular lines	208
Standard form conversions & calculations	83
Angles in parallel lines	120
Fraction arithmetic	71-74
Percentage profit	88
Capture recapture	152
Cumulative frequency diagrams	186
Combining ratios	165c
Subdividing ratios	165b
Stem and leaf diagrams	128b
Index laws, including negative and fractional indices	131, 155, 188
Rearranging formulae	190

Revision?

- 1) Complete the work set on vle.mathswatch.co.uk

This work will be specific to your upcoming assessments.

- 2) Watch the associated videos if you are stuck.
- 3) Utilise corbettmaths.com for further videos



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