

Revision List

End of Year Assessment

Year 9



Topic	Revision Resources
	CorbettMaths.com
Finding and recognising factors, multiples and primes	Number: factors (Video 216)/multiples (Video 220)/ prime numbers (Video 225)
Finding HCF and LCM	Number: common multiples/LCM/common factors/HCF Videos 218-219
Forming and solving linear equations	Equations: solving Video 110 & 111
Changing the subject	Algebra/Changing the subject video 7 & 8
Fractions, decimals and percentages including converting recurring decimals to fractions	FDP Videos 121 to 131
Percentage increase and decrease	Percentage Change video 233
Compound Interest	Percentages: Compound Interest video 236
Reverse Percentages	Percentages: Reverse video 240
Expand double and triple brackets	Algebra: expanding two brackets and expanding three brackets Video 14 & 15
Removing brackets and factorising linear & quadratic equations	Factorisations Video 117 & 118 Solving Quadratics (factorising) video 266
Volume of a prism	Videos 355 - 7
Surface Area of a prism	Videos 309 - 312
Finding the length of an arc	Video 58
Finding the area of a sector	Video 63
Converting between different metric units of length, area and volume	Videos 349d, e, f
Compound Measure - speed, density and pressure	Speed Video 299 Density Video 384 Pressure Video 385
Using a calculator for complex calculations	Video 352
Round to a given number of decimal places	Video 276 - 8
Round to a given number of significant figures	Video 279a
Pythagoras' theorem, solving problems applying the theorem	Video 257 - 8

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Using similarity to find lengths of missing sides	Videos 291 - 2
Using trigonometry to find missing sides of right-angled triangles	Videos 329 - 330
Using trigonometry to find missing angles	Video 331
Calculating equations of straight line graphs	Video 189 -190, 194
Finding the equation between 2 points	Video 195
Understanding parallel & perpendicular lines	Video 196 - 7
Solving Simultaneous equations by elimination / substitution	Video 295, 296
Solving Simultaneous equations graphically	Video 297
Forming then Solving Simultaneous equations	Video 295, 296
Multiplying, dividing using indices	Video 174
Understanding and using negative indices	Video 175
Understanding and using fractional indices	Video 173
Writing very large and small numbers in standard form, and vice-versa	Video 300
Performing calculations in standard form	Video 301-3
Simplifying ratio	Video 271a - d
Sharing quantities in a given ratio	Video 269
Solving problems using unitary method	Video 255a
Constructing and interpreting pie charts	Video 163 & 164
Constructing and interpreting frequency polygons	Video 155 & 156
Understanding data handling cycle, and different data types	Video 89
Understanding sampling methods including stratified random sampling	Video 281
Calculating probabilities	Video 245
Estimating relative frequencies	Video 248
Understanding and using two-way tables and frequency trees	Video 246

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Understanding mutually exclusive, independent and dependent events	Video 244
Representing probabilities using tree diagrams	Video 246
Representing probabilities using Venn diagrams	Video 380

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