

Year 10 Higher - Half Term 1 September – October

Students should use the links below to revise topics covered in the first half term.

Section 1 Solving Equations

Equations: solving	Video 110	Textbook Exercise	Textbook answers
Equations: letters both sides	Video 113	Textbook Exercise	Textbook answers
Review Basic Solving Equations		Practice Questions	Practice Questions answers
Equations: angles and perimeter	Video 114	Textbook Exercise	Textbook answers
Equations: forming	Video 115	Textbook Exercise	Textbook answers
Review Forming and Solving Equations		Practice Questions	Practice Questions answers
Equations: involving fractions	Video 111	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Equations: fractional advanced	Video 111a	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Equations: cross multiplication	Video 112	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 2 Changing the subject

Algebra: changing the subject	Video 7	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Algebra: changing the subject advanced	Video 8	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 3 Expanding Brackets

Algebra: expanding brackets	Video 13	Textbook Exercise	
Review		Practice Questions	
Algebra: expanding two brackets	Video 14	Textbook Exercise	
Review		Practice Questions	
Algebra: expanding three brackets	Video 15	Textbook Exercise	
Review		Practice Questions	

Section 4 Factorising

Factorisation	Video 117	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Factorisation: quadratics	Video 118	Textbook Exercise	Textbook answers
Factorisation: difference of 2 squares	Video 120	Textbook Exercise	Textbook answers
Factorisation: quadratics harder	Video 119	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 5 Simultaneous Equations

Simultaneous equations (elimination)	Video 295	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers
Simultaneous equations (advanced)	Video 298	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 6 Completing the square

Algebra: completing the square	Video 10	Textbook Exercise	Textbook answers
Review		Practice Questions	Practice Questions answers

Section 7 Solving Quadratic Equations

Quadratics: solving (factorising)	Video 266	Textbook 1	Textbook answers 1
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Review		Textbook 2 Practice Questions	answers 2 Practice Questions answers
Quadratics: formula Review	Video 267	Textbook Exercise Practice Questions	Textbook answers Practice Questions answers
Quadratics: solving (completing the square) Review	Video 267a	Textbook Exercise Practice Questions	Textbook answers Practice Questions answers