

SENIOR SCHOOL

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IGCSE Mathematics Module 3 Algebra and Equations

By the end of this unit we will have covered the following areas.

Objective	Revision Guide	Can do?	Ex. book page ref.	Revised?
Express basic arithmetic processes algebraically.	20		46-47	
Substitute numbers into formulae.	20		48-50	
Expanding brackets and expand brackets involving directed numbers.	21		50-52	
Solving linear equations. (including unknowns on both sides.)	24		52-57	
Constructing simple expressions and set up simple equations.	20		57-62	
Solve simultaneous equations with two unknowns.	24		62-65	
Constructing simultaneous equations and solving	20		65-67	
Factorising expressions including quadratics	21		68-71	
Solve quadratic equations by factorising or using the quadratic formula.	24		71-74	
Problems solved by quadratic equations	24		74-77	
Manipulating algebraic fractions.	21		153-155	
Transforming formulae. (changing the subjects of...)	20		156-161	
Solve simple linear inequalities.	24		170-171	

Vocabulary:



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