

KENDERDINE MATHS TUTORING

ALGEBRA PREPARATION FOR YEAR 11

Session	Topic	BIA	Skills	Yr 11 NZ	IGSCE	CA
1	Collect like terms, expand brackets	P25 - 26	P3	P6	P7 - 8	
2	Binomial products	P201 - 204	P4	P14	P10	P62, Q17-37
3	Indices	P177 - 187	P2	P7 - 8	P7	P43, Q25-43, 53-57
4	One and two step linear equations	P28 - 36	P6	P18 – 19 (Q1-5)	P8	
5	Further linear equations	P37 - 42				
6	Equations with fractions	P43 - 46		P20	P8	
7	Inequalities	P118 - 123		P27	P9	
8	Transposing formulae	P47 - 51	P11	P29	P17	
9	Factoring – common factor	P212 - 220		P15	P6	P70, Q4-9
10	Factoring – monic quadratic	P221 - 225	P5	P16	P11	P70, Q16-36
11	Factoring – non-monic quadratic	P226 - 228		P17		
12	Factoring – special products	P229 - 236				
13	Algebraic fractions - simplifying	P243 - 247	P12	P28	P14	P78, Q4-13
14	Algebraic fractions – mult/div	P248 - 252		P11	P14	P78, Q14-32
15	Algebraic fractions – add/subtract	P253 - 261	P13	P11	P14	P78, Q33-50
16	Quadratic equations - factor	P237 - 241	P 7 - 9	P22	P12	
17	Quadratic equations – complete square	P337 - 342				
18	Quadratic equations - formula	P343 - 347			P12	
19	Simultaneous equations	P139 – 150	P10	P25		
20	Algebraic fraction equations	P274 - 278			P14	