

# BUILDING BLOCKS

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# GRADE 11

## EXPONENTS

2001	Introduction and Summary		
2002	Applying 4 Laws		
2003	+ / - Sums		
2004	$\times$ / . Sums		
2005	Complex Calculations		

## SURDS

2006	Simplify by Prime Factorisation		
2007	Multiplying out Brackets		
2008	Surds with Variables		
2009	Proofs		
2010	Rationalising the Denominator		

**MINI TEST:**  
Exponents and Surds

## ALGEBRAIC FRACTIONS

2011	Addition and Subtraction		
2012	Multiplication and Division		
2013	Comparing: Expression vs Equation		

**MINI TEST:**  
Algebraic Fractions

## COMPLETING THE SQUARE

2015	Introduction		
2016	Completing: No Coefficient		
2017	Completing: With Coefficient		
2018	Comparison: Expression vs Equation		

**MINI TEST:**  
Completing the Square

## EQUATIONS

2020	Introduction and Summary		
2021	Quadratic: Factorise and Solve		
2022	Quadratic: Completing the Square		
2023	Quadratic: Formula		
2024	Quadratic: Square Both Sides		
2025	Quadratic: Square Root Both Sides		
2026	Quadratic: K – Method		
2027	Exponential: Same Base		
2028	Exponential: Quadratic Form		
2029	Simultaneous Equations		

**MINI TEST:**  
Equations

## INEQUALITIES

2032	Graphical Method		
2033	Algebraic Method		

**MINI TEST:**  
Inequalities

## NATURE OF ROOTS

2035	$\Delta$ Properties		
2036	Finding values		
2037	Proving values		

**MINI TEST:**  
Nature of Roots

