

BUILDING BLOCKS

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FOUNDATIONS FOR GRADE 10

INTEGERS

7003	Add and Subtract – Number line		
7004	Add and Subtract – Biggest sign		
7005	Multiply and Divide		

BODMAS

7006	$\times + - \dots$ MAS		
7007	$\div \times + - \dots$ DMAS		
7008	<i>of</i> $\div \times + - \dots$ ODMAS		
7009	() <i>of</i> $\div \times + - \dots$ BODMAS		

MINI TEST:

Integers and BODMAS

FRACTIONS

7019	Equivalent Fractions		
7020	Mixed and Improper Fractions		
7021	Addition and Subtraction Basics		
7022	Adding and Subtracting Fractions		
7023	Multiply and Divide Basics		
7024	Multiplying and Dividing Fractions		
7025	Combined		

MINI TEST:

Fractions

ALGEBRA

8080	Using Algebra		
	Expressions and Definitions:		
8081	Terms and Factors		
8082	Constants and Variables		
8083	Coefficients and Exponents		
8084	Adding and Subtracting Terms		
8085	Multiplying Terms		
8086	Combined Multiplication and Addition		
8087	Products: Brackets		
8088	Products: Brackets and Simplify		
8089	Adding and Subtracting Expressions		
8090	Substitution		
8091	Algebraic Fractions: Numerator One Term		
8092	Algebraic Fractions: Numerator Multiple Terms		
8093	Squaring Expressions		
8094	Cubes and Roots of Expressions		

MINI TEST:

Algebra



EXPONENTS

9001	Terms and Laws		
9002	Complex sums		
9003	Scientific Notation		

MINI TEST:

Exponents

PRODUCTS

9004	Multiplying Terms		
9005	Multiplying out brackets		
9006	Products of brackets		
9007	Bracket squared		
9008	Complex Sums		

FACTORISATION

9010	Common Factor		
9011	Difference of Squares		
9012	Trinomials		
9013	Grouping		
9014	Combined		

MINI TEST:

Products and Factorisation

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FOUNDATIONS FOR GRADE 10

ALGEBRAIC FRACTIONS

9016	Recap: Numerator Single and Multiple Terms		
9017	Using Factorisation: Simple		
9018	Using Factorisation: Multiple Factors		

MINI TEST:
Algebraic Fractions

EQUATIONS

9020	Linear with Fractions		
9021	Quadratic: Already Factored		
9022	Quadratic: With Factorisation		
9023	Exponential		

MINI TEST:
Equations

STRAIGHT LINES

9024	Plotting Points (Understanding Cartesian)		
9025	Plotting Straight Lines		
9026	Standard Form		
9027	Special Lines: $x = c, y = c$		
9028	Gradient		
9029	Parallel and Perpendicular Lines		
9030	Find Equation: Two Points		
9031	Find Equation: Point and y-intercept		
9032	Sketching Graph: gradient-intercept method		
9033	Sketching Graph: dual-intercept method		

MINI TEST:
Straight Lines

