

Student: BERTRAM

<b>Working Towards Level 10A</b>			
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<b>Level 10</b>	I can solve complex linear equations and inequations	I can solve simultaneous equations using a range of methods	I can construct simultaneous equations and inequalities to represent real life or worded problems
<b>Working Towards Level 10</b>	I can transpose algebraic formulae to make a different pronumeral the subject	I can select the most appropriate method to solve a set of simultaneous linear equations	
<b>Working Towards Level 10</b>	I can solve linear equations that include simple algebraic fractions	I can solve simultaneous linear equations using a graphical method	
<b>Working Towards Level 10</b>	I can represent the solution to a linear inequality on a number line	I can solve simultaneous linear equations using the elimination method	I can construct a linear inequality to represent a real life or worded problem
<b>Working Towards Level 10</b>	I can solve linear inequalities algebraically	I can solve simultaneous linear equations using the substitution method	I can construct a set of simultaneous equations to represent a real life or worded problem
<b>Level 9</b>	I can solve linear equations using algebraic techniques		I can construct linear equations, using algebraic techniques, to represent real life or worded problems

<b>Working Towards Level 9</b>	I can solve linear equations by expanding a set of brackets		
<b>Working Towards Level 9</b>	I can solve linear equations by collecting like terms		I can construct linear equations using an understanding of like terms and brackets to represent a real life or worded problem
<b>Level 8</b>	I can solve more complex linear equations using algebraic and graphical techniques		I can construct more complex equations to represent real life or worded problems
<b>Working Towards Level 8</b>	I can solve linear equations where the variable is on both sides of the equation		I can construct a linear equation with variables on both sides of the equals sign to represent a real life or worded problem
<b>Working Towards Level 8</b>	I can solve linear equations requiring more than two steps		I can construct a multi-step equation to represent a real life or worded problem
<b>Key Skills/Knowledge</b>	Solving equations and inequalities	Solving simultaneous equations	Applications of equations
<b>Organising Element</b>	Linear and non-linear relationships	Linear and non-linear relationships	Linear and non-linear relationships
<b>Victorian Curriculum Strands</b>	Number and Algebra	Number and Algebra	Number and Algebra

Demonstrated at time of learning

Demonstrated at a later time

4/04/2022

I can rationalise the denominator of an expression
I can simplify expressions involving surds using addition, subtraction, multiplication and division
I can simplify a surd
I can define a number as being rational or irrational

Types of Numbers
Number and Place Value
Number and Algebra