

Subject	Maths
Unit/Topic	Year 11 – Algebraic Reasoning

Key Vocabulary	Definition
Term	A term is either a single number or variable, Terms are separated by + or – signs
Expression	$2 + 3$ is an expression, an expression does not have an equals sign
Power/Index	The power (or index) of a number says how many times to use the number in a multiplication.
Simplify	To make an expression as simple as possible by collecting like terms
Coefficient	A coefficient is a number that is multiplied by a variable
Linear	A set of values increasing or decreasing by the same amount
Quadratic	quadratic things have something to do with squaring them
Fibonacci	The sequence of numbers: 0, 1, 1, 2, 3, 5, 8, 13, 21, ... Each number equals the sum of the two numbers before it.
Geometric	A sequence made by multiplying by the same value each time
Simultaneous equations	a set of equations in two or more variables for which there are values that can satisfy all the equations simultaneously
Prove	To show that a statement or equation is true
Counterexample	An example that disproves a statement (shows that it is false).
Inequality	An inequality compares two values, showing if one is less than, greater than, or simply not equal to another value.
Region	A region is a space on a graph that either is separated by lines or is surrounded by lines

Satisfy

To fulfil the requirements or conditions of.

