

Tables and Probability

Sample Space	The set of all possible outcomes or results of an experiment
Probability	How likely an event is to occur
Random	Happening without method or conscious decision
Two-way Tables	This displays two sets of data in rows and columns
Venn Diagrams	A diagram used for sorting data
Outcome	The possible results of an experiment

Sequences

Term	A number in a sequence
Sequence	A list of items in a given order, usually following a rule
Term-to-term rule	A rule that describes how you get from one term of a sequence to the next
Linear Sequence	A sequence where the terms are increasing or decreasing by a constant difference
Geometric Sequence	A sequence where the previous term is multiplied or divided to get the next term
Non-linear Sequence	A sequence where the terms are not increasing or decreasing by a constant difference

Brackets, Equations and Inequalities

Term	In algebra, a single number or variable, or a number and variable combined by multiplication or division
Expression	A collection of terms involving mathematical operations
Coefficient	A number in front of a variable
Simplify	Rewrite in a simpler form
Substitute	To replace letters with numerical values
Expand	Multiply to remove brackets from an expression
Factorise	Find the factors you need to multiply to make an experiment
Binomial	An expression with two terms
Solve	Find a value that makes an equation true
Solution	A value you can substitute in place of the unknown in an equation to make it true
Inequality	A comparison between two quantities that are not equal to each other
Solution Set	A range of values for which a statement is true
Satisfy	Make an equation or inequality true
Unknown	A variable (letter), whose value is not yet known
Variable	A numerical quantity that might change, often denoted by a letter
Formula	A rule connecting variables written with mathematical symbols
Equation	A statement with an equals sign, which states that two expressions are equal in value