Keywords: Autumn 1

Year 10 Maths Foundation

Topic Title: Proportion, Equations and Inequalities, Fractions, decimals and percentages

Introduction to the topic: Solving problems involving related quantities and working with fractions of amounts

Keyword	Definition
Integer	A whole number
Common factor	A factor that is the same for two different numbers
Prime number	A number that has exactly 2 factors
Prime factorisation	To write a number as prime numbers multiplied together
Venn Diagram	An illustration that uses overlapping circles to show things that have one or more property
Intersection	Where two circles overlap
Union	In Venn diagrams A or B or both
Universal Set	Every element in the Venn diagram
Highest Common Factor	The biggest factor that is shared by two numbers
Lowest Common multiple	The smallest number in two numbers' times tables
Indices	The general term used to describe the topic of simplifying and evaluating index numbers
Expression	In algebra two or more terms
Base Number	E.g. 2^4 the base number here is 2. It is the number that is being raised to a power.
Factorise	Put an expression into brackets by writing highest common factor outside the bracket
Standard Form	A way of writing big and small numbers 3×10^2