

Keywords: Autumn 2

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
Direct proportion	Two quantities are in direct proportion if one increases as the other increases
Inverse proportion	Two quantities are in inverse proportion if one increases as the other decreases
Variable	An unknown value (often x) in an expression or equation
Subject of a formula	The letter in a formula/equation that is on its own
Inequality	An expression involving greater than, less than ($<$, $>$, \leq, \geq)
Arithmetic sequence	A sequence that increases or decreases by adding or subtracting a number
Geometric sequence	A sequence that increases or decreases by multiplying or dividing by a number
Numerator	The number on the top of a fraction
Denominator	The number of the bottom of a fraction
Percentage	A fraction with a denominator 100, using written with the percentage sign, %