

Year 10 Foundation. Knowledge endpoints
Know how to solve problems with LCM and HCF Know how to use calculator to find values of calculations
Know how to use inequality notation to represent error interval Know how to calculate with numbers in standard form
Know how to carry out and describe enlargement with centre given Know how to draw plan and Elevations
Know how to solve problems involving scale drawings and map Know how to construct and read bearings
Know how to find probability from a list of outcomes Know how to use probability sum to solve problems
Know how to simplify expressions using laws of Indices Know how to factorise into single brackets
Know how to substitute into formulae and expressions Know how to change subject of the formulae
Know how to order fractions, decimal and percentages Know how to share using ratio Know how to combine ratio and solve problems
Know how to convert between units of time Know how to solve problems involving compound measure (speed)
Know how to solve problems involving compound measure (rate of pay) Know how to solve problems involving compound measure (unit pricing/best buy)
Know how to solve equations with unknowns on both sides Know how to solve fractional equations Know how to form and solve Equations
Know how to find missing angles using corresponding, co-interior or alternate angles properties
Know how solve equations using angles in parallel lines properties
Know how to find missing lengths using Pythagoras Theorem
Know how to find circumference and area of a circle Know how to find perimeter and area of a part of a circle
Know how to find Volume of a right prism Know how to find volume of a cylinder
Know how to complete table of values of a linear graph Know how to draw a linear graph
Know how to find gradient and y-intercept from a linear graph Know how to write the equation of a line

Know how to draw a quadratic graph Know how to draw and interpret a Distance-Time graph
Know how to list elements in a Venn diagram Know how to construct a frequency tree
Know how to calculate probability from a sample space Know how to calculate relative frequency Know how to construct two-way tables
Know how to construct and interpret a compound bar chart Know how to construct and interpret a frequency polygon Know how to construct and interpret a stem and leaf diagram
Know how to construct and interpret a Scatter graph Know how to construct and interpret a pie chart
Know how to find averages from grouped data
Know how to expand and simplify double brackets
Know how to factorise quadratic expression in the form x^2+bx+c
Know how to solve problems involving density
Know how to identify congruent shapes Know how to find missing lengths in similar shapes
Know how to find perimeter or area of a sector Know how to calculate surface area of 3D shapes
Know how to solve inequalities Know how to represent inequalities on a number line
Know how to construct a probability tree
Know how to use probability tree to solve problems
Know how to construct angle bisectors Know how to construct perpendicular bisector from a point
Know how to solve simple loci