Number	Round decimals to one and two decimals places
	Round to a given significant figures
	Multiply and divide integers and decimals by 0.1 and 0.01
	Multiply and divide decimals
	Convert integers into standard form
	Use positive and negative square roots, cube and cube roots
	Use index notation for small positive integer powers
	Write an integer as a product of its prime factors
	Convert between improper and mixed fractions
	Use written division methods to convert a fraction to a decimal
	Multiply integers by fractions
	Compare & Order fractions, including those with different denominators
	Add and subtract fractions by converting one fraction
	Order decimals, including those which have a different number of decimal places
	Use inequality signs to show comparisons between two fractions, or decimals
	Calculate percentages of amounts, using multipliers
	Increase and decrease an amount by a given percentage
	Solve reverse percentage problems
Algebra	Expand, factorise and simplify a single bracket
	Substitute positive and negative integers into expressions and formulae
	Calculate inputs and outputs from function machines, including negatives
	Generate a sequence from the $n^{th} term$
	Calculate the $n^{th}\ term$
	Know the first five triangular numbers and to be able to continue the sequence
	Calculate the midpoint of a line on a coordinate grid
	Solve problems involving shapes on coordinate grid
	Plot equations of line in form $y = mx + c$ and identify the gradient
Ratio & Proportion	Convert between miles and kilometres
	Convert between imperial units and currencies when conversions are given
	Share an amount in a given ratio
	Use ratio to compare scale drawings to real life
	Use equivalent fractions/decimals and percentages to compare proportions
	Express a number as a percentage of another
Geometry	Calculate the volume of a prism and cuboid
	Calculate the surface area of prism
	Calculate the area of a trapezium
	Identify and name parts of circle
	Calculate the circumference and area of a circle
	Identify and calculate angles in parallel lines e.g.: alternate, corresponding & allied
	Calculate angles in isosceles and equilateral triangles
	Draw and find bearings
	Describe rotations, translations and reflections
	Identify congruent shapes
Statistics	Draw and interpret scatter graphs including line of best fit
	Calculate the modal class from grouped data
	Plan and construct two-way tables
Probability	Understand that the sum of probabilities of all mutually exclusive outcomes is 1
	List all outcomes systematically
	Draw sample space diagrams for two events
	Add simple probabilities
	Estimate the number of times an event will occur
	Interpret results of an experiment using the language of probability
	Compare estimated experimental probabilities with theoretical probabilities
	Work out probabilities from Venn diagrams