I can find pairs of numbers that satisfy numbers	Mathematics Programmes of Study					JUHIN SCHOOL
sentences involving two unknowns.	I can use estimation to check answers to calculations.	I can solve ratio and proportion problems involving unequal sharing	I can recall and use equivalences between simple fractions, decimals	I can calculate, estimate and compare the volume of cubes and cuboids	I can draw and translate simple shapes and	GRING AND ACHEMAN
I can generate and describe linear number sequences.	I can solve problems involving any operation.	and grouping. I can solve ratio and	and percentages.	using standard units, including centimetre cubed and cubic metres.	reflect them in the axes.	
I can use simple formulae expressed in words.	I can solve addition and subtraction multi-step problems.	proportion problems involving the relative sizes of two quantities, including similarity.	I can solve problems involving the calculation of percentages of whole numbers or measures such as 15% of 360.	I recognise when it is necessary to use the formulae for area and	I can describe positions on the full co-ordinate grid (all four quadrants).	
I can express missing number problems algebraically.	I use knowledge of the order of operations to carry	I can divide proper fractions by whole numbers	I can solve problems	volume of shapes.	I can find unknown angles where they meet	I can convert kilometres to miles using a
I can recognise years written in Roman numerals.	out calculations involving the four operations.	(e.g. 1/3 ÷ 2=1/6). I can multiply simple pairs	which require answers to be rounded to specified degrees of	I can calculate the area of parallelograms and	at a point, are on a straight line, and are vertically opposite.	graphical representation.
I can read Roman numerals to 1000 (M).	I can identify common factors, common multiples and prime numbers.	of proper fractions, writing the answer in its simplest form (e.g. $1/4 \times 1/2 = 1/8$).	I can use written division	I can recognise that shapes with the same	I can illustrate and name parts of circles, including	I can draw graphs relating two variables.
I can solve number problems and practical problems.	I can calculate mentally, including with mixed operations and large numbers.	I can add and subtract fractions with different denominators and mixed numbers, using the concept	methods in cases where the answer has up to 2 decimal places.	areas can have different perimeters and vice versa.	radius, diameter and circumference.	I can calculate and interpret the mean as an
I can calculate interval	operations and large manners.	of equivalent fractions.	I can multiply one-digit numbers with up to	I can convert between	I can find unknown angles in any triangles,	average.
across '0' when using negative numbers.	I can interpret remainders as whole number remainders, fractions, or by	I can associate a fraction with division to calculate decimal fraction equivalents (e.g. 0.375) for	2 decimal places by whole numbers.	miles and kilometres.	quadrilaterals and regular polygons.	I can construct line graphs.
I can use negative numbers in context.	I an divide numbers up to 4	a simple fraction (e.g. 3/8). I can compare and order	I can multiply and divide numbers by 10, 100 and	I can use, read, write and convert between standard units of measure.	I can compare and classify geometric shapes based on their	I can interpret line graphs.
I can round any whole number.	digits by a 2-digit whole number using an efficient written method.	fractions, including fractions >1.	are up to 3 decimal places.	I can solve problems involving the calculation	properties and sizes.	I can construct pie
I can read, write, order and	I can multiply multi-digit	I can use common factors to simplify fractions and use	I can identify the value	and conversion of units of measure, using decimal	I can recognise, describe and build simple 3-D	charts.
compare numbers up to 10,000,000.	numbers up to 4 digits by a 2 digit whole number using a written method.	common multiples to express fractions in the same denomination.	of each digit to three decimal places.	notation to 3 decimal places where appropriate.	shapes, including making nets.	I can interpret pie charts.
Number and	+, -, x and ÷	Fractions Ratio and Proportion	Fractions, Decimals	Measures	Geometry	Statistics