	= I'm starting to underst	and = I'm near	fly there = = fully under	stand	_	
I can find pairs of numbers		Mathe	matics Programme	s of Study		
that satisfy numbers sen- tences involving two unknowns.	I use estimation to check answers to calculations.	I can solve ratio and proportion problems involving unequal sharing	I can recall and use equivalences between	I can calculate , estimate and compare volume of	I can draw and translate	
I can generate and describe linear number sequences.	I can solve problems involving any operation.	and grouping.	simple fractions, deci- mals and percentages.	cubes and cuboids using standard units, including centimetre cubed and	simple shapes and re- flect 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 involv- ing the calculation of per- centages of whole numbers or measures such as 15% of	I recognise when it is necessary to use the	I can describe positions on the full co-ordinate grid (all four quadrants).	
I can express missing num- ber problems algebraically.	I use knowledge of the order of operations to carry	I can divide proper fractions by whole numbers (e.g. 1/3÷2=1/6).	I can solve problems	formulae for area and volume of shapes.	I can find unknown an- gles where they meet at	I can convert kilometres to miles using a
I can recognise years writ- ten in Roman numerals.	out calculations involving the four operations.	I can multiply simple pairs of proper fractions, writing	which require answers to be rounded to specified degrees of accuracy.	I can calculate the area of parallelograms and triangles.	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.	the answer in it's simplest form (e.g. 1/4X1/2=1/8).	I can usewritten division	I can recognise that shapes with the same	I can illustrate and 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 opera- tions 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. I can convert between miles and kilometres.	radius, diameter and circumference.	I can calculate and interpret the mean as an average.
I can calculate intervals across '0' when using	I can interpret remainders as whole number remainders, fractions, or by rounding.	of equivalent fractions.	I can multiply one-digit numbers with up to 2 decimal places by whole numbers.		I can find unknown angles in any triangles, quadrilaterals and regular polygons.	
negative numbers.		with division to calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. 3/8).				I can construct line graphs.
in context.	I an divide numbers up to 4 digits by a 2-digit whole	I can compare and order fractions, including	I can multiply and divide numbers by 10, 100 and 1000 where the answers	I 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.	number using an efficient written method.	fractions >1. I can use common factors	are up to 3 decimal places.	I can solve problems involving the calculation and conversion of units of measure, using decimal notation to 3 decimal places where appropriate.	properties and sizes.	I can construct pie charts.
I can read, write, order and compare num- bers up to 10,000,000.	I can multiply multi-digit numbers up to 4 digits by a 2 digit whole number using a written method.	to simplify fractions and use common multiples to express fractions in the same denomination.	I can identify the value of each digit to three decimal places.		I can recognise, describe and build simple 3-D shapes, including making nets.	I can interpret pie charts.
Number and Algebra	+,-,x and ÷	Fractions Ratio and Proportion	Fractions, Decimals and Percentages	Measures	Geometry	Data
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