



Year 6		Key Milestone Indicator	Evidence:
Number	1	I can read numbers up to 10 000 000	
	2	I can use negative numbers in context and calculate intervals across zero.	
	3	I can write numbers up to 10 000 000.	
	4	I can order and compare numbers up to 10 000 000.	
	5	I can round any whole number to a required degree of accuracy.	
	6	I can determine the value of each digit in any number.	
	7	I can solve number and practical problems.	
	8	I can identify the value of each digit in numbers given to three decimal places.	
	9	I can solve problems involving numbers to a given number of decimal places	
Fractions, Decimals and Percentages	10	I can compare and order fractions, including fractions > 1	
	11	I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination	
	12	I can associate a fraction with division and calculate decimal fraction equivalents	
	13	I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	
	14	I can multiply simple pairs of proper fractions, writing the answer in its simplest form	
	15	I can divide proper fractions by whole numbers	
	16	I can multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places	
	17	I can solve problems involving the calculation of percentages and the use of percentages for comparison	
	18	I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	
Calculating	19	I can solve multi-step addition and subtraction problems in contexts, deciding which operations and methods to use and why	
	20	I can add and subtract negative integers	
	21	I can solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign	
	22	I can use knowledge of the order of operations to carry out calculations involving the four operations	
	23	I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method for multiplication	
	24	I can divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole numbers, fractions, or by rounding, as appropriate for the context	
	25	I can perform mental calculations, including with mixed operations and large numbers	
	26	I can estimate and use inverse operations and rounding to check answers to a calculation	



Year 6		Key Milestone Indicator	Evidence:
Ratio & Proportion	27	I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication & division facts	
	28	I can solve problems involving the calculation of percentages and the use of percentages for comparison	
	29	I can solve problems involving similar shapes where the scale factor is known or can be found	
	30	I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples	
Geometry	31	I can draw 2-D shapes using given dimensions and angles	
	32	I can recognise, describe and build simple 3- D shapes, including making nets	
	33	I can compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons	
	34	I can illustrate and name parts of circles, including radius, diameter and circumference, and know that the diameter is twice the radius	
	35	I can recognise angles where they meet at a point, are on a straight line or are vertically opposite, and find missing angles	
	36	I can describe positions on the full coordinate grid (all four quadrants)	
Measurement	37	I can draw and translate simple shapes on the coordinate plane, and reflect them in the axes	
	38	I can solve problems involving the calculation & conversion of units of measure, using decimal notation upto 3 decimal places where appropriate	
	39	I can use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places	
	40	I can convert between miles and kilometres	
	41	I can recognise that shapes with the same area can have different perimeters and vice versa	
	42	I can recognise when it is possible to use formulae for area and volume of shapes	
	43	I can calculate the area of parallelograms and triangles	
Statistics	44	I can estimate and compare the volume of cubes and cuboids using standard units, including cubic centimetres (cm ³) and cubic metres (m ³), and extending to other units	
	45	I can interpret and construct pie charts and line graphs and use these to solve problems	
	46	I can calculate and interpret the mean as an average	
	Algebra	47	I can use simple formulae
48		I can generate and describe linear number sequences	
49		I can express missing number problems algebraically	
50		I can find pairs of numbers that satisfy an equation with two unknowns	
51		I can enumerate possibilities of combinations of two variables	