Maths Assessment Targets

Number and place value	Addition and subtraction	Ratio and Proportion	Fractions, decimals and percentages	Measures	Geometry	Statistics
I can find pairs of numbers that satisfy number sentences involving 2 unknowns.	I use estimation to check answers to calculations.	I can solve ratio and proportion problems involving unequal sharing and grouping.	I can recall and use equivalences between simple fractions, decimals and percentages.	I can calculate, estimate & compare volume of cubes & cuboids using cm cubed and cubic m.	I can draw and translate simple shapes & reflect them in the axes.	I can convert kilometres into miles using a graphical representation.
I can generate and describe linear number sequences.	I can solve problems involving any operation.	I can solve ratio and proportion problems involving the relative sizes of 2 quantities including similarity.	I can solve problems involving the calculation of percentages of whole numbers, such as 15% of 360.	I recognise when it is necessary to use the formulae for area & volume of shapes	I can describe positions on the full co-ordinate grid (all 4 quadrants).	I can draw graphs relating to two variables.
I can use simple formulae expressed in words.	I can solve addition and subtraction multi-step problems.	I can divide proper fractions by whole numbers. (e.g. 1/3 ÷ 2 = 1/6)	I can solve problems which require answers to be rounded to specified degrees of accuracy.	I can calculate the area of parallelograms and triangles.	I can find unknown angles where they meet at a point, are on a straight line & are vertically opposite.	I can calculate and interpret the mean as well as average.
I can express missing number problems algebraically.	I use knowledge of the order of operations to carry out calculations involving the 4 operations..	I can multiply simple proper fractions, writing the answer in its simplest form (e.g. ¼ × ½ = 1/8)	I can use written division methods in cases where the answer has up to 2 decimal places.	I can recognise that shapes with the same areas can have different perimeters and vice versa.	I can illustrate & name parts of circles, including radius, diameter and circumference.	I can construct line graphs.
I can recognise years written in Roman numerals and read to 1000 (M).	I can identify common factors, multiples and prime numbers.	I can add and subtract fractions with different denominators and mixed numbers by using equivalent fractions.	I can multiply 1-digit numbers with up to 2 decimal places by a whole number.	I can I can convert between miles and kilometres.	I can find unknown angles in any triangles, quadrilaterals & regular polygons.	I can interpret line graphs..
I can solve number problems and practical problems.	I can calculate mentally, including with mixed operations and large numbers.	I can associate a fraction with division to calculate decimal fraction equivalents for a simple fraction.	I can multiply and divide numbers by 10, 100 & 1000 where the answers are up to 3 decimal places.	I can read, write & convert between standard units of measure.	I can compare & classify geometric shapes based on their properties & size.	I can construct pie charts..
I can calculate intervals across '0' when using negative numbers.	I can interpret remainders as whole number remainders, fractions or by rounding.	I can compare fractions, including fractions >1.	I can identify the value of each digit to three decimal places.	I can solve problems involving the calculation & conversion of units of measure, using decimal notation to 3 decimal places when needed.	I can recognise, describe and build simple 3D shapes, including making nets.	I can interpret pie charts..
I can use negative numbers in context.						
I can round any whole number.	I can divide numbers up to 4 digits by a 2-digit whole number using a written method	I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination.				
I can read, write, order and compare numbers 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.					

(1-10) of these aspects secure (up to 19%) = below age related Refer to BLUE targets.	(11-16) of these aspects secure (20-30%) = W-	(17 – 27) of these aspects secure (31-50%) = W	(28 – 32) of these aspects secure (51-59%) = W+	(33 –35) Almost all of these aspects secure (60-64%) = N-
	(36 – 41) of these aspects secure (65-74%) = N	(42 – 43) of these aspects secure (76 – 79%) = N+	(44 – 55) of these aspects secure (80 – 100%) = A	

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