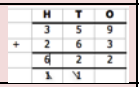
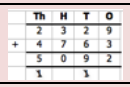
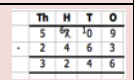
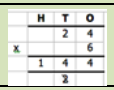
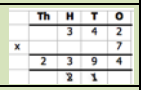
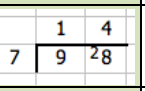
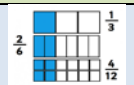
Mathematics Assessment Criteria: Year *4* denotes MET + mastery indicators

Year 4 Stage 1		Year Stage 2		Year 4 Stage 3	
I can count in 25s and 1000s from zero*		I can count in 6s from zero*		I can count in 9s from zero*	
I can find 1000 more than a given number		I can find 1000 less than a given number		I can count in 7s from zero*	
I can read Roman numerals to 100 (I, V, X, L, C)		I know that the numeral system changed to include the concept of zero and place value		I can count backwards through zero *e.g. 3, 2, 1, 0, - 1, -2, -3, -4…*	
I can identify, represent and estimate numbers using different representations *e.g. Dienes*		I know the value of digits in **ThHTO** (4-digit numbers)		I can order and compare 4-digit numbers (using **<** & **>**)	
I can round any number to the nearest 10		I can round any number to the nearest 100		I can round any number to the nearest 1000	
I can use rounding to help estimate the answer to **ThHTO+ThHTO**		I can use the inverse to check answers to a subtraction calculation		I can use alternative methods to check answers to addition calculations	
I can add **HTO** and **HTO** using compact addition (with two carries) 		I can add 4-digit numbers using compact addition 		I can subtract 4-digit numbers using decomposition (with one exchange) 	
I can solve two-step problems involving addition		I can solve two-step problems involving subtraction		I can solve addition & subtraction problems in contexts, deciding which operations and methods to use and why	
I can recall 6x tables facts off by heart		I can recall 9x tables facts off by heart		I can recall 7x tables facts off by heart	
I can derive division facts from 6x table		I can derive division facts from 9x table		I can derive division facts from 7x table	
I can multiply any number by 0 and 1		I can recall 11x tables facts off by heart		I can recall 12x tables facts off by heart	
I can divide any number by 1		I can derive 11x division facts		I can derive 12x division facts	
I can multiply three 1-digit numbers together in any order *[Associative Law]*		I can partition numbers to help solve **TO x O** mentally *e.g. 39 x 6 = (30x6) + (9x6) [Distributive Law]*		I recognise and use factor pairs in mental calculations *e.g. 12 = 1 x 12, 2 x 6, 3 x 4*	
I can solve **TO x O** using the short multiplication 		I can solve **HTO x O** using the short multiplication method 		I can solve **TO ÷ O** using the short division method 	
I can solve two-step problems involving multiplication and addition		I can solve harder correspondence problems such as n objects are connected to m objects		I can select appropriate operations and methods when solving multiplication & division problems	
I can show families of common equivalent fractions using diagrams *e.g.* $\frac{1}{3} = \frac{2}{6} = \frac{4}{12}$ 		I can add fractions with the same denominator beyond 1 *e.g.* $\frac{3}{4} + \frac{5}{4} = \frac{8}{4} = 2$		I can subtract fractions with the same denominator beyond 1 *e.g.* $\frac{9}{4} - \frac{6}{4} = \frac{3}{4}$	
I know these fraction-decimal equivalents: $\frac{1}{2} = 0.5$ $\frac{1}{4} = 0.25$ $\frac{3}{4} = 0.75$		I can write decimal equivalents for any number of tenths *e.g.* $\frac{4}{10} = 0.4$		I can write decimal equivalents for any number of hundredths *e.g.* $\frac{43}{100} = 0.43$	
I can count on in hundredths		I can count back in hundredths		I can show hundredths on a place value chart and give an example using measures or money	
I can find unit fractions of a set of objects *e.g.* $\frac{1}{6}$ *of 42,* $\frac{1}{9}$ *of 45*		I can find more non-unit fractions of sets of objects *e.g.* $\frac{2}{3}, \frac{3}{4}, \frac{4}{10}$		I can find non-unit fractions of numbers (where there are whole number answers) *e.g.* $\frac{4}{6}$ *of 24,* $\frac{3}{7}$ *of 21,* $\frac{4}{10}$ *of 40*	
I can divide 1-digit numbers by 10		I can divide 2-digit numbers by 100		I can divide 1- and 2-digit numbers by 10 and 100, identifying the answer as ones, tenths and hundredths	

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I can compare decimal numbers with 2dp (using < & >) *e.g. 4.55 > 4.45*		I can round decimals with 1dp to the nearest whole number e.g. 3.2 » 3, 4.6 » 5		I can solve simple measure and money problems involving fractions and decimals to 2dp	

I can estimate length up to 2 metres		I can estimate mass up to 2 kilograms		I can estimate capacity up to 2 litres	
I can compare lengths recorded in different units *e.g. 1.24m > 65cm*		I can compare mass recorded in different units *e.g. 1.24kg > 650g*		I can compare capacity recorded in different units *e.g. 1.5l < 1600ml*	
I can use calculation methods with length		I can use calculation methods with mass		I can use calculation methods with capacity	
I can estimate and compare amounts of money in pounds and pence		I can use calculation methods with money in pounds and pence		I can convert between different units of measure	
I can measure and calculate the perimeter of a rectilinear figure, including squares, in centimetres and metres		I can find the area of shapes made from rectangles, by counting squares		I am beginning to find the area of rectangles using my times table facts	
I can find the area of rectilinear shapes by counting squares		I can convert time between analogue and digital 12- and 24-hour clocks		I can solve problems involving converting from hours to minutes	
I can solve problems involving converting weeks to days		I can solve problems involving converting years to months		I can solve problems involving converting minutes to seconds	
I can compare polygons based on their properties		I can compare quadrilaterals and triangles based on their properties		I can classify polygons based on their properties and sizes	
I can order a range of angles by their size		I can find acute angles (less than 90°) in polygons		I can find obtuse angles (greater than 90°) in polygons	
I can complete a simple shape from its line of symmetry		I can find lines of symmetry in regular polygons presented in different orientations		I can complete a simple symmetric figure with respect to a specific line of symmetry	
I can describe positions on a 2-D grid as co-ordinates in the first quadrant		I can describe movements between positions as translations of a given unit to the left/right and up/down		I can plot co-ordinate points and use them to complete a given polygon	
I can read and interpret bar charts		I can read and interpret time graphs		I can interpret and present discrete and continuous data in bar charts and time graphs	
I can compare data in bar charts, pictograms, tables and other graphs		I can solve comparison, sum and difference problems using data in bar charts, pictograms, tables and other graphs			