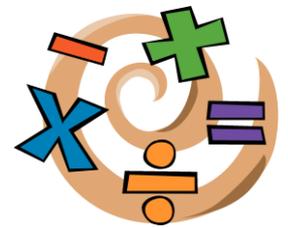




# Mathematics

## Number & Calculations



Name: \_\_\_\_\_

*By the end of Year 4...*

To Know and Use Numbers			*I can count in <b>multiples of 6, 7 and 9.</b>
			*I can count in <b>multiples of 25 and 1000.</b>
			I can find <b>1000 more or less</b> than a given number.
			*I can <b>count backwards through zero to include negative numbers.</b>
			I can read <b>Roman numerals</b> to 100 ( <i>I to C</i> ).
			I can <b>identify, represent and estimate</b> numbers using different representations.
			*I can <b>order numbers beyond 1000.</b>
			I can recognise the <b>place value of each digit in a four-digit whole number.</b>
			*I can <b>round</b> any number <b>to the nearest 10, 100 and 1000.</b>
			I know <b>which operation to use when solving problems.</b>
			I can <b>solve number and practical problems</b> with large positive numbers.
			I can use <b>estimating and rounding</b> to check answers to calculations.
To Add and Subtract			I can <b>add and subtract numbers</b> , with up to <b>four digits</b> , using the formal written methods of columnar addition and subtraction.
			*I can solve <b>two-step addition and subtraction problems.</b>
			I can use the <b>inverse operations</b> to check answers to a calculation.
To Multiply and Divide			*I can <b>recall multiplication facts for all times tables up to 12x12.</b>
			*I can <b>recall division facts for all times tables up to 12x12.</b>
			I can <b>multiply and divide mentally, by 0 and 1.</b>
			I can <b>mentally multiply three numbers together.</b>
			I can recognise and use <b>factor pairs</b> in mental calculations.
			I can <b>multiply two digit and three digit numbers by a one digit number</b> using formal methods.
			I can <b>divide two digit and three digits numbers by a one digit number</b> using formal methods.
			I can use the <b>inverse operations</b> to check answers to a calculation.
			I can use the <b>distributive law.</b>
To Use Fractions			I can <b>add and subtract fractions with the same denominator</b>
			I can recognise, find and write <b>fractions of a length and of a shape.</b>
			I can recognise, find and write <b>fractions of whole numbers and set of objects.</b>
			I can <b>compare numbers with the same number of decimal places up to 2dp.</b>
			*I can <b>count up and down in tenths and hundredths</b> and understand how they arise.
			I can <b>compare and order unit fractions and fractions with the same denominators.</b>
			*I can find the effect of <b>divide a one or two-digit number by 10 and 100.</b>
			*I can <b>round decimals with one decimal place to the nearest whole number.</b>
			*I can <b>recognise and show, using diagrams, families of common equivalent fractions.</b> <i>E.g. <math>\frac{1}{4}</math> is equivalent to <math>\frac{2}{8}, \frac{3}{12}, \frac{4}{16}</math>, etc.</i>
			*I can recognise and write <b>decimal equivalents of any number of tenths or hundredths.</b>
			I can recognise and write <b>decimal equivalents to <math>\frac{1}{4}, \frac{1}{2}, \frac{3}{4}</math>.</b>
			I can <b>solve problems involving increasingly harder fractions.</b>
		*I can <b>solve simple measure and money problems</b> , involving fractions and decimals, to two decimal places.	