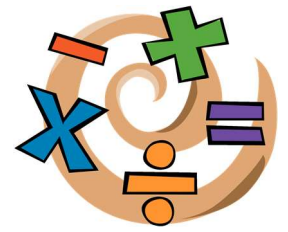




Mathematics

Number & Calculations



Name: _____

By the end of Year 4...

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