Learning Wall Mathematics Y6 **Class:** **Date:**

	I can convert measurements of length, weight, volume and time up to three decimal places in length (for example 0.345kg = 345g).	I can solve problems which include rounding to a required accuracy such as the nearest 10, 100 or 10000.	I know the decimal value, percentage and fraction of a range of values - such as 0.5, 50 per cent and 1/2.	I can classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.	

I can draw and translate shapes using coordinates or reflect a shape on the grid.	I can choose to divide 4 digit numbers by a two-digit number using the written method of short division if this is possible.	I can round a whole number as requested - for example to the nearest 10 or 1000 or 100000.	I can solve addition and subtraction multi-step problems, deciding where to add or subtract.	I can use and construct pie charts and line graphs and use these to solve problems.	

I can calculate the mean as an average.	I always estimate my answer before I begin calculating - this helps me to check at the end to make sure I am correct.	I understand and use negative numbers in my work, for example - working out how much is between -7 and +8.	I can multiply 4 digit numbers by a two-digit number (for example 4307 x 34) using the written method of long multiplication.	I use written division methods in cases where the answer has up to two decimal places.	

	I can solve problems about unequal sharing - such as 'I need four eggs and for every egg I need three spoonfuls of flour. How much flour do I need?'.	I can find the percentage of an amount - such as finding 15 per cent of 360.	I know how to use simple formulae such as n - 10 = 2.	