Learning Wall Mathematics

ni by	[EXS] I can multiply numbers such as 1.45 by a one-digit number - for example 1.45 x 7.		[KEY] I always estimate my answer before I begin calculating - this helps me to check at the end to make sure I am correct.		[EXS] I can multiply, divide, add and subtract large numbers in my head.		I identify common factors, common multiples and prime numbers.		I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination.		division m cases where has up to t	I use written nethods in e the answer wo decimal ces.
		I can compare and order fractions, including fractions greater than 1.		[EXS] I can solve number and practical problems that involve large numbers, rounding and negative numbers.		[EXS] I can work with numbers up to 10 000 000 and know what each digit represents.		[KEY] I can multiply 4 digit numbers by a two-digit number (for example 4307 x 34) using the written method of long multiplication.		fractions w	and subtract ith different rs and mixed bers.	
		n multiply ich as 1/4 × = 1/8.	niimper iigina the		[KEY] I can round a whole number as requested - for example to the nearest 10 or 1000 or 100000.		[KEY] I understand and use negative numbers in my work, for example - working out how much is between -7 and +8.		[EXS] [KEY] I can choose to divide 4 digit numbers by a two-digit number using the written method of short division if this is possible.		divide proper fractions	
	[EXS] I can change a fraction into a decimal - for example, I can change 3/8 to 0.375 by dividing 1 by 8 and multiplying by 3.		addition subtraction problems where to	I can solve on and n multi-step , deciding o add or ract.	[EXS] I know that addition, subtraction, multiplication and division should be carried out in a specific order when looking at problems.		[EXS] I can solve problems involving addition, subtraction, multiplication and division.		I can multiply and divide numbers by 10, 100 and 1000 and know what each digit means up to three decimal places.			

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[EXS] [KEY] I can classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.		measurements of length,		I can create a sequence of numbers that follow a rule.		I can use a letter (such as n or x) to show a missing number - such as 10 - x = 5.		I can convert between miles and kilometres.		I know the parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.	
	area, the perimeter may be different - or a shapes with such as finding		I can find the f an amount - ng 15 per cent 360.	problems w rounding to accuracy s	[EXS] [KEY] I can solve problems which include rounding to a required accuracy such as the nearest 10, 100 or 10000.		•		rmula for area e of shapes.		
I can calculate the area of parallelograms and triangles.		[KEY] 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?'.		[EXS] [KEY] 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 solve problems about relative sizes (ratio).		[EXS] [KEY] I know how to use simple formulae such as n - 10 = 2.		I can work with the volume of cubes and cuboids using cubic centimetres (cm3) and cubic metres (m3), and other units too such as mm3 and km3.	
	shapes using given		I can list possible answers to missing numbers such as listing the possible answers of a and b in a + 6 = b - 10.		[EXS] I can find pairs of numbers that satisfy an equation with two unknowns.		[EXS] I solve problems about different units of measure with three decimal places.		I can recognise, describe and build 3-D shapes, including making nets.		
[KEY] I can use and construct pie charts and line graphs and use these to solve problems.		[EXS] I can work with angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.		[KEY] I can calculate the mean as an average.		I can use the four quadrants in a coordinate grid.		[KEY] I can draw and translate shapes using coordinates or reflect a shape on the grid.			