Year 6 Maths assessment

Number of statements-75

Number of statements-75	1	1	1	1		[
Number and place value								
Read, write, order and compare to at least 10,000,000								
Recognise the value of each digit in numbers to 10,000,000								<u> </u>
Round any whole number Use negative numbers in context								
Solve number problems that involve the above								
Addition								
Add numbers mentally with increasingly larger numbers								<u> </u>
Add numbers with more than four digits using formal written methods Use rounding to check answers to calculations		-						<u> </u>
Solve addition multi-step problems		-						
Subtraction								
Subtract numbers mentally with increasingly larger numbers								
Subtract numbers with more than four digits using formal written methods Use rounding to check answers to calculations								
Solve subtraction multi-step problems		-						
Multiplication & Division								
Find common multiples								
Find common factors								
To use prime number, prime factor and composite number vocabulary Recall prime numbers up to 19 and work out if a number to 100 is prime								
To recognise and use square and cube numbers with notation								
Multiply numbers up to 4 digits by one or 2 digit numbers using written methods of short division								
Multiply numbers up to 4 digits by one or 2 digit numbers using written methods of long multiplication							 	
Divide numbers up to 4 digits by a two digit number using written method of long division Divide numbers up to 4 digits by a one digit number using written methods of short division		-		 			 	<u> </u>
Interpret and use remainders as whole numbers, fractions or decimals		L						
Multiply numbers mentally						-		1
Divide numbers mentally							 	<u> </u>
To use BODMAS Use estimation to check answers to calculations				 			 	
Solve mulitplication and division multi-step problems							 	
Fractions								
To use common factors to simplify fractions								\perp
Compare and order fractions Identify, name and write equivalent fractions including tenths and hundredths		-		 			 	<u> </u>
Recognise mixed numbers and improper fractions and convert from one to the other								
Add mixed number fractions with different denominators								
Subtract mixed number fractions with different denominators								
Add fractions with different denominators								
Subtract fractions with different denominators Divide proper fractions by whole numbers								
Multiply proper fractions								
Decimals								
Identify the value of each digit to 3 decimal places							 	<u> </u>
Divide by 10, 1000, 1000 (giving answers to 3 decimal places. Multiply by 10, 1000, 1000 (giving answers to 3 decimal places.								
Multiply 1 digit numbers with up to 2 decimal places by whole numbers using written methods								
Written division methods where the answer has up to 2 dp.								
Round decimals with 2 decimal places to the nearest whole number								
Read, write, order and compare numbers with up to 3 decimal places Read and write decimal numbers as fractions (tenths, hundreds, thousands)								
Solve problems involving numbers up to 2 decimal places								
Percentages								
Calculate percentage of amounts							 	
Recall and use equivalences between simple fractions, decimals and percentages Solve problems which require % knowledge								
Ratio and proportion								
Solve problems involving the relative sizes of two quantities where missing values can be found								
Solve problems involving similar shapes where the scale factor is known or can be found							 	<u> </u>
Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples. Algebra		-						
Enumerate possibilities of combinations of two variables								1
Use simple formulae								
Generate and describe linear number sequences							 	
Express missing number problems algebraically Find pairs of numbers that satisfy an equation with 2 unknowns		-		 			 	
Measurement								
Read, write and convert between different units of metric measure								
Convert between miles and kilometres							 	<u> </u>
Recognise when to use the formula for the area of shapes Recognise that shapes with the same area can have different perimeters and vice versa		-						
Calculate, compare and estimate the volume of cubes and cuboids								
Calculate the area of parallelograms and triangles								
Solve problems involving units of measure							 	<u> </u>
Geometry (properties of shape) Can draw 2D shapes using given dimensions and angles				 			 	
Recognise, describe and build simple 3D shapes								
Compare and classify geometric shapes based on their properties and sizes								
Illustrate and name the parts of a circle (radius, diameter and circumference)						 		
Recognise angles where they meet at a point on a straight line or are vertically opposite and find missing angles		-						
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Geometry (position and direction)								+
Geometry (position and direction) Describe, positions on a full co-ordinate grid (4 quadrants) Draw and translate simple shapes on the co-ordinate plane and reflect them in the axis Statistics								
Geometry (position and direction) Describe, positions on a full co-ordinate grid (4 quadrants) Draw and translate simple shapes on the co-ordinate plane and reflect them in the axis Statistics Read, draw and interpret line graphs								
Geometry (position and direction) Describe, positions on a full co-ordinate grid (4 quadrants) Draw and translate simple shapes on the co-ordinate plane and reflect them in the axis Statistics								