

Year 5 Maths assessment

Number of statements-60								
Number and place value								
Read, write, order and compare to at least 1000000								
Recognise the value of each digit in numbers to 1000000								
Round any whole number								
Use negative numbers in context								
Solve number problems that involve the above								
Addition								
Add numbers mentally with increasingly larger numbers								
Add numbers with more than four digits using formal written methods								
Use rounding to check answers to calculations								
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 one digit number using written methods of short division								
Interpret and use remainders as whole numbers, fractions or decimals								
Multiply numbers mentally								
Divide numbers mentally								
Use estimation to check answers to calculations								
Solve mulitplication and division multi-step problems								
Fractions								
To use common factors to simplify fractions								
Compare and order fractions								
Identify, name and write equivalent fractions including tenths and hundredths								
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								
Multiply proper fractions								
Decimals								
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								
Recognise the percent symbol and that this relates to parts out of 100								
Write percentages as a fraction and as a decimal								
Solve problems which require % knowledge								
Measurement								
Convert between different units of metric measure								
Compare metric and imperial units								
Measure and calculate the perimeter of rectilinear shapes in cm and m								
Calculate and compare the area of rectangles using squares and standard units								
Estimate volume and capacity using 1cm2 cubes								
Solve problems involving units of time								
Geometry (properties of shape)								
Use the properties of rectangles to deduce related facts and find missing lengths and angles								
Sort regular and irregular polygons using sides and angles								
Identify 3D shapes from 2D representations								
Know angles are measured in degrees								
Estimate and compare acute, obtuse, and reflex angles								
Identify angles at a point and turn (multiples of 90)								
Draw and measure given angles in degrees								
Geometry (position and direction)								
Use and describe reflection of a shape								
Statistics								
Complete, read and interpret information in tables (e.g. timetables)								
Read, draw and interpret line graphs								
Read, draw and interpret bar graphs								
Read, draw and interpret pie charts								
Total								