



Y5 Maths Assessment

Times Tables and Rapid Recall
I can recall quickly all the multiplication and division facts for tables up to 12 x 12 and can use them confidently in larger calculations
Properties of Number and Place Value
I can read write, order and compare numbers to 1 000 000 (1 million) and determine the value of each digit
I can count forwards and backwards in steps of powers of 10 for any given number up to 1 000 000
I can round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
I can read Roman numerals to 1000 (M) and recognise years written in Roman numerals
I can interpret negative numbers in context and count forwards and backwards with positive and negative numbers through zero
I can investigate problems involving place value and properties of number, and present my investigation in a clear and organised way
Addition and Subtraction
I can add and subtract whole numbers with more than 4 digits using formal column methods
I can add and subtract numbers mentally with increasing large numbers
I can add and subtract a mix of whole numbers and decimals with different numbers of decimal places using formal column methods
I can use rounding to check answers to calculations and determine, in the context of the problem, levels of accuracy
I can solve addition and subtraction multi-step problems in context, deciding which operation to use and why
Multiplication and Division
I can identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers
I can work out if a number up to 100 is a prime number and quickly recall prime numbers up to 19
I can recognise and use square and cube numbers and their correct notation
I can multiply a 2 digit by a 2 digit number using diagrams, arrays and grids
I can multiply numbers up to 4 digits by a 1 or 2 digit number using a formal written method
I can multiply whole numbers by numbers with up to 2 decimal places (e.g. money)
I can divide numbers up to 4 digits by a one digit number using short division and interpret remainders correctly in the context of the problem
I can multiply and divide numbers mentally, using known facts
I can multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
I can solve problems involving multiplication and division, including using factors and multiples, squares and cubes
I can solve problems involving multiplication and division including scaling by simple fractions and problems involving simple rates
I can use all 4 operations to solve equivalence statements e.g. $5x = 18 + 12$
Measures including time
I can measure and calculate the perimeter of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm and m
I can measure, calculate and compare the area of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm^2 and m^2
I can estimate the area of irregular shapes

I can convert between different units of measure using my understanding of multiplying and dividing by 10, 100, 1000
I can estimate volume and capacity and explore these concepts using practical methods
I understand and use approximate equivalences between metric units and common imperial units, such as inches, pounds and pints
I can solve problems which involve converting between different units of time
I can use all 4 operations to solve problems involving length, mass and capacity, using decimal notation, including scaling
Fractions
I can measure and calculate the perimeter of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm and m
I can measure, calculate and compare the area of shapes that need to be divided into rectangles (composite rectilinear shapes) in cm^2 and m^2
I can estimate the area of irregular shapes
I can convert between different units of measure using my understanding of multiplying and dividing by 10, 100, 1000
I can estimate volume and capacity and explore these concepts using practical methods
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Geometry
I can identify 3D shapes from 2D representations
I can estimate, measure and compare acute, obtuse and reflex angles in degrees
I can draw and measure given angles in degrees
I can identify regular and irregular polygons using my knowledge of length of sides and angles
I can calculate missing angles on a straight line (180°), at a point (360°) or within a right angle (90°)
I can find missing lengths and angles in rectangles using my knowledge of related facts
I can identify, describe and draw the position of a shape on a grid following a translation or rotation
Statistics
I can solve comparison, sum and difference problems using information presented in line graphs
I can complete, read and interpret information presented in tables and other graphical representations including timetables
I can decide which representations of data are most appropriate and explain why