

Year 5 Math

KPI	Working towards	Expected Standard	Greater Depth
Reads, writes, orders and compares numbers to at least 1,000,000 and determines the value of each digit			
Interprets negative numbers in context, counts forwards and backwards with positive and negative whole numbers including through zero			
Adds and subtracts whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction)			
Numbers mentally with increasingly large numbers (eg $12,462 - 2,300 = 10,162$)			
Identifies multiples and factors including finding all factor pairs of a number and common factors of two numbers			
Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes			
Compares and orders fractions whose denominators are all multiples of the same number			
Reads and writes decimal numbers as fractions eg $0.71 = \frac{71}{100}$			
Reads, writes, orders and compares numbers with up to three decimal places			
Solves problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25			
Converts between different units of metric measure (eg kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)			
Measures and calculates the perimeter of composite rectilinear shapes in centimetres and metres			
Calculates and compares the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²)			
Draws given angles and measures them in degrees (°)			
Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles			
Completes, reads and interprets information in tables, including timetables			