



Year 6

Maths Targets

Key:

Previous Year

Autumn Term

Spring Term

Summer Term



(F1) I recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

(F10) I can solve problems which require answers to be rounded to specified degrees of accuracy

(F9) I can use written division methods in cases where the answer has up to two decimal places.

(F8) I can multiply one-digit numbers with up to two decimal places by whole numbers

(F7) I can identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.

(F6) I associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction

(F5) I can divide proper fractions by whole numbers [for example, 3]

(F4) I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

(F3) I can add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.

(F2) I can compare and order fractions, including fractions > 1

(F1) I use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

(A8) I use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.

(A7) I can solve problems involving addition, subtraction, multiplication and division

(A6) I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

(A5) I use knowledge of the order of operations to carry out calculations involving the four operations

(A4) I identify common factors, common multiples and prime numbers

(A3) I perform mental calculations, including with mixed operations and large numbers.

(A2) I can divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context

(A1) I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.

(G7) I can draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

(G6) I can use a four quadrants grid.

(G5) I can recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

(G4) I know parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

(G3) I can classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons

(G2) I can recognise, describe and build simple 3-D shapes, including making nets

(G1) I can accurately draw 2-D shapes using given dimensions and angles

(N9) I can enumerate possibilities of combinations of two variables.

(N8) I can find pairs of numbers that satisfy an equation with two unknowns.

(N7) I can express missing number problems algebraically.

(N6) I can generate and describe linear number sequences.

(N5) I can use simple formulae.

(N4) Solve number and practical problems that involve all of the above.

(N3) I understand and use negative numbers in my work, for example - working out how much is between -7 and +8.

(N2) I can round any whole number to a required degree of accuracy

(N1) I can read, write, order and compare numbers up to 10 000 000 and determine the value of each digit

(ME7) I can find volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³].

(ME6) I can calculate the area of parallelograms and triangles.

(ME5) I can use formulae for area and volume of shapes.

(ME4) I know that even though shapes may have the same area, the perimeter may be different - or shapes with the same perimeters may have different areas.

(ME3) I can convert between miles and kilometres.

(ME2) I can convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places.

(ME1) I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.

(R4) I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

(R3) I can solve problems involving similar shapes where the scale factor is known or can be found.

(R2) I can solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison.

(R1) I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

(S2) I can calculate and interpret the mean as an average.

(S1) I can interpret and construct pie charts and line graphs and use these to solve problems.

Fractions, Decimals & Percentages	Addition, Subtraction, Multiplication and Division	Geometry	Number, Place Value & Algebra	Measurement	Ratio & Proportion	Statistics
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