

Maths – Summer 2 - 2025

Year 4 - Maths

Number

- Recall multiplication and division facts for multiplication tables up to 12×12
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- Count backwards through zero to include negative numbers
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

Fractions

- Recognise and show, using diagrams, families of common equivalent fractions
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

Measurements

- Convert between different units of measure [for example, kilometre to metre; hour to minute]
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- Find the area of rectilinear shapes by counting squares
- Estimate, compare and calculate different measures, including money in pounds and pence
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days

Geometry

- Compare and classify shapes.
- Identify angles.
- Describe positions on a 2-D grid as co-ordinates in the first quadrant.

Year 5 - Maths

Number

- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method
- Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates

Fractions (including decimals and percentages)

- Recognise mixed and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number
- Add and subtract fractions with denominators that are multiples of the same number
- Multiply fractions and mixed numbers by whole numbers
- Solve 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

Measurement

- Convert between different units of metric measure
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- Use all four operations to solve problems involving measure using decimal notation, including scaling.

Geometry

- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations.
- Draw given angles, and measure them in degrees ($^{\circ}$)
- Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed