



Year 6 Mathematics

Number & Calculations

- Calculate intervals across zero
- Divide numbers using long division,
- Use order of operations

Fractions

- Use common factors to simplify
- Compare and order any fractions
- Add and subtract fractions & mixed numbers with varied denominators
- Multiply simple proper fractions
- Divide proper fractions by whole numbers
- Calculate decimal fraction equivalents for simple fractions

Decimals & Percentages

- Multiply a number with up to two decimal places by whole numbers
- Use written division with answers of up to two decimal places
- Solve problems involving the calculation of percentages
- Recall and use equivalences

Statistics

- Construct and interpret pie charts
- Calculate the mean as an average

Algebra

- Use simple formulae
- Generate & describe linear sequences
- Express missing number problems algebraically

Measures

- Convert units of measure between smaller and larger units
- Convert between miles and km

Geometry

- Calculate the area of parallelograms and triangles
- Calculate volume of cuboids
- Illustrate and name parts of a circle
- Finding missing angles in triangles, quadrilaterals and regular polygons
- Recognise vertically opposite angles and find missing angles
- Describe positions on full axes
- Translate shapes on a co-ordinate grid and reflect in the axes

Ratio & Proportion

- Solve problems using ratio using multiplication and division facts
- Solve problems involving similar shapes using known scale factor
- Solve simple proportion problems

Personal Target: