

Term 1

7A: Place value, four operations & rounding

Identifying place value in a number

Multiplying and dividing by 10, 100, 1000

Rounding to the nearest 10, 100, 1000

Rounding to decimal places

Rounding to significant figures

Estimating

Adding

Subtracting

Multiplying

Dividing

7B: Negative numbers

Size of negative numbers

Add to a negative/subtract with a negative result

Add/subtract negatives

Multiply/divide negatives

7C: Powers, roots & order of operations

Square numbers and roots

Cube numbers and roots

Order of operations

Indices

Term 2

7D: Introducing algebra: expressions & substitution

Simplifying expressions

Expand brackets

Expand and simplify expressions

Substitution

Term 3

7E: Measurements, perimeter & area

Convert metric units

Find perimeter

Area of rectangles, triangles and parallelograms

Area of trapezia and compound shapes

7F: Lines and angles

Angle rules (around point, on a straight line, vertically opposite)

Find missing angles in triangles
Find missing angles in quadrilaterals
Measure/draw angles
Angle rules
Angle rules in special triangles and quadrilaterals
Term 4

7G: fractions and equivalence

Represent a fraction in a diagram
Identify equivalent fractions
Simplify fractions
Converting fractions and decimals
Convert mixed numbers into improper fractions
Fraction of an amount
Reverse fractions
Term 5

7H: Solving linear equations 1

Solve 1-step equations
Solve 2-step equations
Solve multi-step equations
Form and solve equations

7I: percentages and equivalence

Convert between fractions, decimals and percentages
Write a quantity as a percentage
Percentage of an amount
Increase and decrease by a percentage
Term 6

7J: Ratio & scale

Simplify ratios
Share in a ratio
Other ratio/proportion questions
Direct proportion

7K: Representing frequency

Bar charts and pictograms
Pie charts
Grouped frequency