

Expand brackets with surds

Use iterative processes

Number Learning Journey



Calculate error intervals

Calculate with surds

Estimate Powers and Roots

Calculate with fractional indices

Find equations to describe direct and inverse proportion

Understand irrational numbers

Write recurring decimals as fractions

Higher

Operations in standard index form

Calculate interest

Calculate using upper and lower bounds

Solve direct and inverse proportion problems

Write error intervals due to rounding

Calculate compound interest

Write numbers in standard index form

Write a number as the product of its prime factors

Share amounts into unequal groups

Solve original value involving fractions and percentages

Use prime factor decomposition

Perform the operations with fractions

Work with fractions and percentages greater than 1

Estimate Calculations

Understand truncating numbers

Powers and Roots

Round to significant figures

Round decimal numbers

Operations with Negative numbers

Understand the meaning of percentages

Cross over

Calculate with fractions and percentages

Understand ratio notation

Calculate percentages

Order positive and negative numbers, decimals and fractions

Highest common factor

Lowest common multiple

Square and prime numbers

Round integers

Understand negative numbers in context

Use standard units

Order of operations

Operations with decimals

Efficient methods of calculation

Read and write numbers

Foundation

Recognise different types of numbers

Factors and Multiples

Integer operations

Order whole numbers