









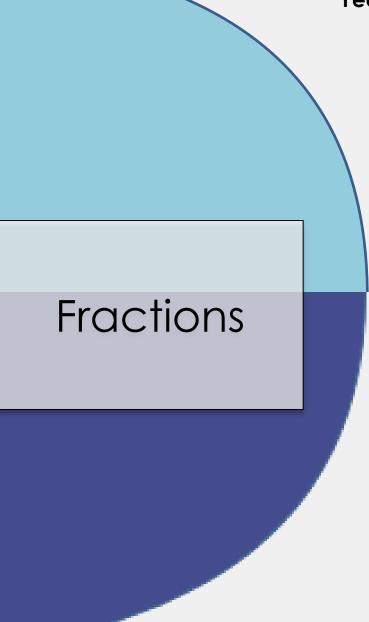




- Explore how different parts can be equivalent to the same whole.
- Identify missing parts using knowledge of part whole models
- Calculate the value of a missing part
- Represent an equation using a part-whole model
- Explore the same difference rule
- Explain how increasing or decreasing the minuend affects the difference
- Solve subtraction calculations mentally using known facts
- Explore strategies to support with mental calculations
- Explain how increasing or decreasing the subtrahend affects the difference
- Calculate the difference using their knowledge of an adjusted subtrahend

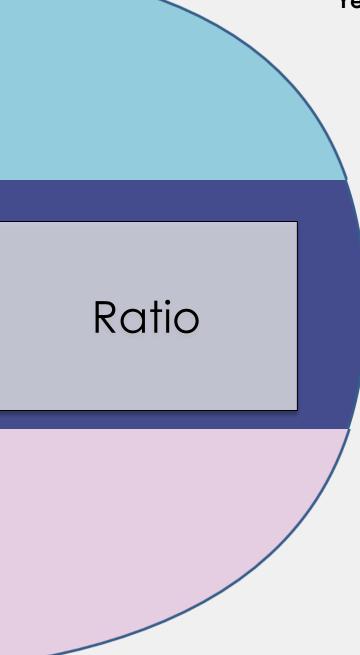
Four Operations

- Add and subtract integers
- Multiply up to a 4-digit number by a 2-digit number
- Short division
- Division using factors
- Long division
- Common factors
- Common multiples
- Primes to 100
- Squares and cubes
- Order of operations
- Mental calculations and estimation
- Reasoning from known facts



- Simplify fractions.
- Fractions on a number line
- Compare and order fractions
- Add and subtract fractions
- Add mixed numbers
- Subtract mixed numbers
- Mixed addition and subtraction
- Problem solving with fractions





Use ratio language

Ratio and fractions

Introducing the ratio symbol

Calculating ratio

Using scale factors

Calculating scale factors

Ratio and proportion problems



Three decimal places

Multiply by 10, 100 and 1,000

Divide by 10, 100 and 1,000

Multiply decimals by integers

Divide decimals by integers

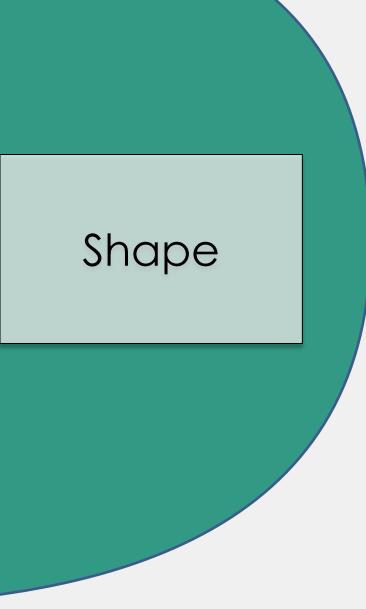
Division to solve problems

Decimals as fractions

Practions to decimals

Fractions,
Decimals and
Percentages





Compare and classify geometric shapes based on their properties and size

Calculate angles

Vertically opposite angles

Angles in a triangle

Angles in special quadrilaterals

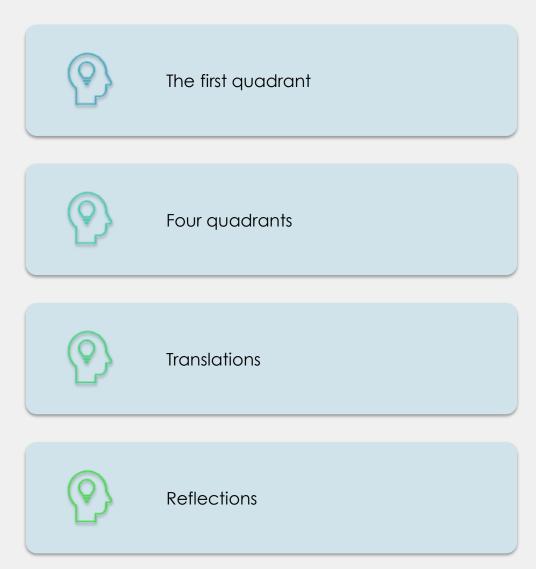
Angles in regular polygons

Draw shapes accurately using given dimensions and angles

Perimeter, Area and Volume











Metric measures



Convert metric measures



Calculate with metric measures



Miles and kilometres



Imperial measures



Read and interpret line graphs

Praw line graphs

Use line graphs to solve problems

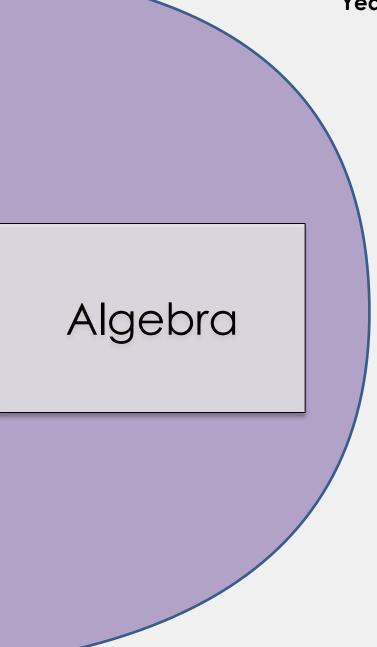
Oircles

Read and interpret pie charts

Pie charts with percentages

Oraw pie charts

The mean



Find a rule - one step

Find a rule - two step

Porming expressions

Substitution

Pormulae

Porming equations

Solve simple one-step equations

Solve two-step equations

Find pairs of values