

Fractions curriculum road map



Recognise & Write: Su2
Recognise, find and name a half as one of two equal parts of an object or quantity
Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity



Recognise & Write: Sp4
Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity



Calculations: Sp4
Write simple fractions for example $\frac{1}{2}$ of $6 = 3$

Recognise & Write: Sp5
Count up and down in tenths; recognise that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by 10
Recognise, find and write fractions of a discrete set of objects: unit fractions with small denominators and non-unit fractions with small denominators
Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

Calculations: Su1
Add and subtract fractions with the same denominator within one whole for example $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$



Solve Problems: Sp5, Su1
Solve problems that involve all of the above

Compare: Su1
Recognise and show, using diagrams, equivalent fractions with small denominators
Compare and order unit fractions, and fractions with the same denominators

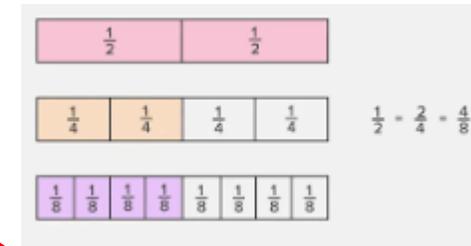
Compare: Sp3
Recognise and show, using diagrams, families of common equivalent fractions



Recognise & Write: Sp3
Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten

Compare: Sp4
Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$

Calculations: A3
Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
Multiply simple pairs of proper fractions, writing the answer in its simplest form (for example $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$)
Divide proper fractions by whole numbers (for example $\frac{1}{3} \div 2 = \frac{1}{6}$)



Calculations: Sp3
Add and subtract fractions with the same denominator

Solve Problems: Sp3
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.



Compare: Sp2
Compare & order fractions whose denominators are all multiples of the same number

Calculations: Sp3
Add and subtract fractions with the same denominator and denominators that are multiples of the same number
Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams

Recognise & Write: Sp2
Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number (eg. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1 \frac{1}{5}$)



Compare: A3
Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
Compare and order fractions including fractions > 1

