



Mathematics Curriculum Journey – Fractions

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

Divide proper fractions by whole numbers [for example $1/3 \div 2 = 1/6$]

Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $1/4 \times 1/2 = 1/8$]

Compare and order fractions, including fractions > 1 .

Y6

Multiply proper fractions and mixed numbers by whole numbers, support by materials and diagram.

Add and subtract fractions with the same denominator and denominator that are multiples of the same number.

Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.

Recognise mixed numbers and improper fractions and convert from one form the other and write.

Interpret negative numbers compare and order fractions whose denominators are all multiples of the same number.

Y5

Solve problems involving increasingly harder fractions to calculate quantities,

Add and subtract fractions with the same denominator .

Identify, name and write equivalent fractions of a given fraction, represented visually, including tenth and hundredths.

Y4

Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$].

Recognise and show, using diagrams, families of common equivalent fractions.

Solve problems that involve the above.

Y3

Recognise the equivalence of $2/4$ and $1/2$.

Write simple fractions for example, $1/2$ of $6 = 3$.

Y2

Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Recognise, find, name and write fractions $1/3, 1/4, 2/4$ and $3/4$ of a length, shape, set of objects or quantity.

Recognise, find and name a half as one of two equal parts of an object, shape or quantity.

Y1

Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Subitise (recognise quantities without counting) up to 5.

EYFS

Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Compare quantities up to 10 in different contexts.

Have a deep understanding of number to 10, including the composition of each number.