



Maths Fractions, Decimals and Percentages Learning Journey

4:3

Describe and solve graphical and algebraic representations

Ratio/proportion

YEAR 7

7

percentage	fraction	decimal
30%	$\frac{3}{10}$	0.3

Ratio/proportion

Describe and solve graphical and algebraic representations

Compare using ratio

Simplify ratio

Solve problems using unequal sharing

Increase and decrease

Divide to give whole numbers

Divide whole numbers to create a fraction

Decimal divide by whole number

Decimal x decimal

Fraction x fraction

Calculate whole from a part

Calculate from a part

YEAR 6

Fractions

Decimals

Percentages

Ratio/proportion

$$2\frac{3}{4} = \frac{11}{4}$$

Percentages

Decimals

Fractions

YEAR 5

5

Compare/convert FDP

Round to whole number and tenths

+ and -

X fractions and mixed numbers by whole numbers

Using a range of methods

Write fractions as decimals

Divide by 10/100

Round decimals

Decimals

Compare and order

Make number patterns

YEAR 4

4

Fractions

Fractions

+ Unit fraction

- Unit fraction

Find equivalent fractions

Compare fractions

Mixed numbers

Fraction pairs that make 1

Simplify fractions

Count in tenths

Count whole parts

Compare and order similar fractions of shapes

Name fractions by looking at the whole and part

Thirds in shape and number

Fraction of a whole number

YEAR 3

3

Fractions

Make equal parts

Count in halves, quarters and thirds

Show quarters in a variety of ways

Count wholes and parts

YEAR 2

2

Fractions

Half of shapes

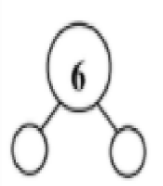
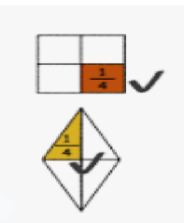
Quarter of shapes

Share and group objects into halves and quarters

Half and quarter of a number

YEAR 1

1



Fractions

EYFS

Halve (objects/shapes)

What is half?

