



Lesson sequence

1. Introduction to parts and whole
2. Equal and unequal parts
3. Recognise a half
4. Find a half
5. Recognise a quarter
6. Find a quarter
7. Recognise a third
8. Find a third
9. Find the whole
10. Unit fractions
11. Non-unit fractions
12. Recognise the equivalence of a half and two-quarters
13. Recognise three-quarters
14. Find three-quarters
15. Count in fractions up to a whole
16. End of topic assessment

Key Vocabulary:

- Whole
- Part
- Half
- Quarter
- Third
- Equal
- Unequal
- Numerator
- Denominator
- Equivalence
- Unit fractions
- Non-unit fractions

Sticky learning

New Knowledge

- To know that a fraction is splitting a whole (number/shape etc.) into parts
- To recognise and name fractions $1/3$, $1/4$, $2/4$ and $3/4$ of a length, shape, set of objects or quantity
- To know that fractions can be greater than one
- To recognise that a unit fraction is one in which the whole has been split into equal parts and one of those parts is shaded or highlighted
- To recognise that a non-unit fraction is a fraction where the numerator is greater than 1

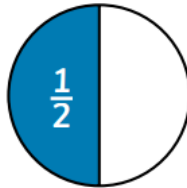
New Skills

- To identifying equal and unequal group
- To find and write fractions $1/3$, $1/4$, $2/4$ and $3/4$ of a length, shape, set of objects or quantity
- To write simple fractions e.g. $1/2$ of $6 = 3$ and recognise the equivalence of $2/4$ and $1/2$
- To count in fractions up to 10, starting from any number and using the $1/2$ and $2/4$ equivalence on the number line (for example, $1 \frac{1}{2}$, $1 \frac{2}{4}$ (or $1 \frac{1}{2}$), $1 \frac{3}{4}$, 2)
- To use inverse operations to solve missing number problems
- To use a fraction of an amount to find the whole

Recognising Unit Fractions

Half

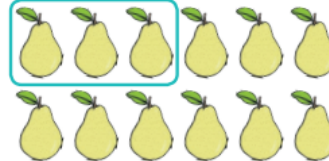
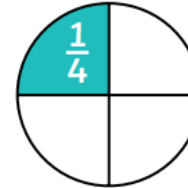
A whole split into two equal parts.



$\frac{1}{2}$ of $8 = 4$

Quarter

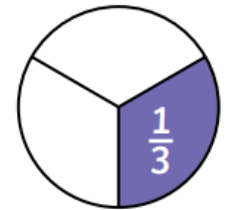
A whole split into four equal parts.



$\frac{1}{4}$ of $12 = 3$

Third

A whole split into three equal parts.



$\frac{1}{3}$ of $6 = 2$

Non-unit Fractions

$\frac{2}{3}$

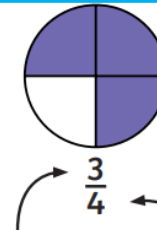
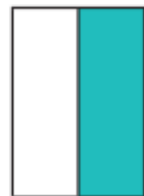


$\frac{3}{4}$



Equivalent Fractions

$\frac{1}{2} = \frac{2}{4}$



Numerator
How many equal parts of the whole are needed?

Denominator
How many equal parts are in the whole?