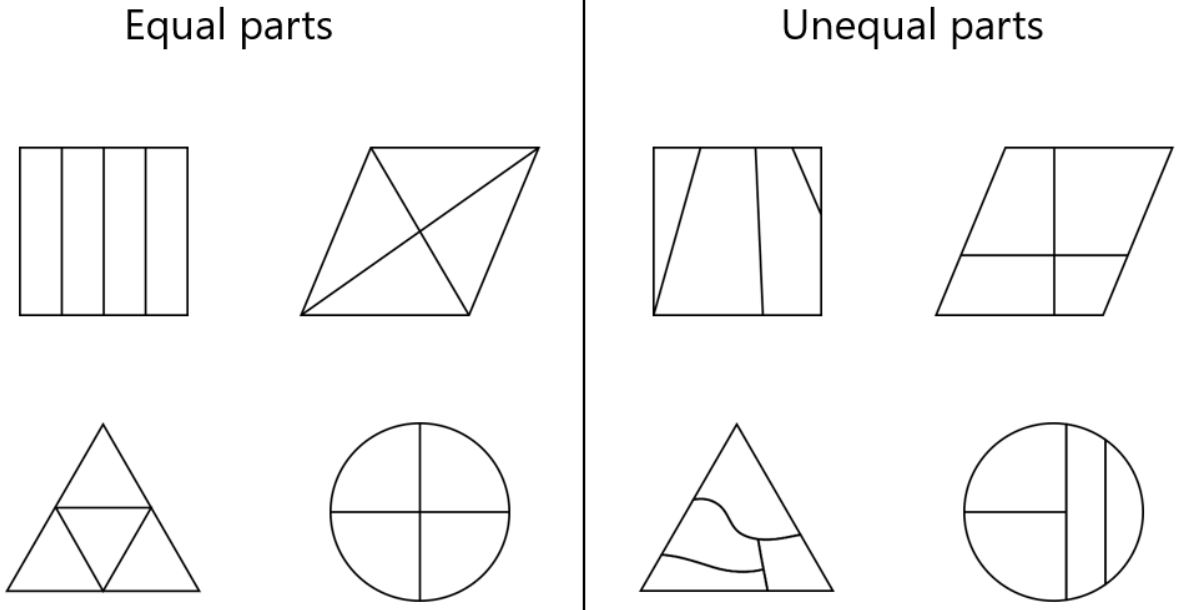
Year 2—Fractions

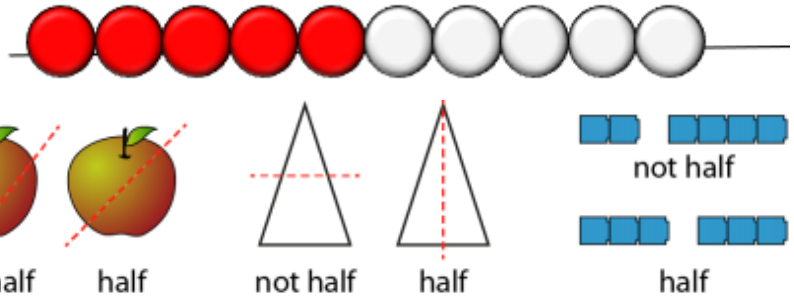
Key Vocabulary

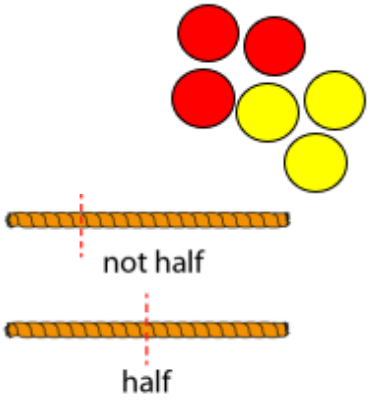
Fraction	A part of a whole (can be of a quantity or shape)
Numerator	Indicates the specific number of parts out of the whole.
Denominator	Indicates the number of equal parts into which the whole has been divided.
Unit fraction	A fraction with a numerator of one.
Non-unit Fraction	A fraction with a numerator greater than one.
Half	One of two equal parts of a whole.
Third	One of three equal parts of a whole.
Quarter	One of four equal parts of a whole.
Equivalent	Having the same value. Equivalent fractions have the same value.

Recognise Equal parts



Recognise Half





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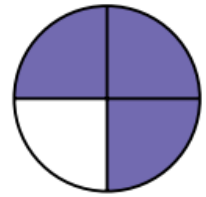
Equivalent Fractions



$\frac{3}{4}$

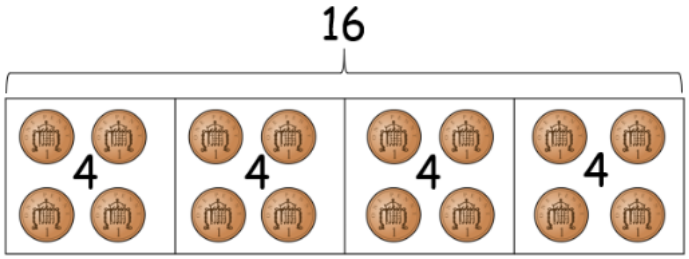
Numerator
How many equal parts of the whole are needed?

Denominator
How many equal parts are in the whole?

Finding Fractions of Amounts

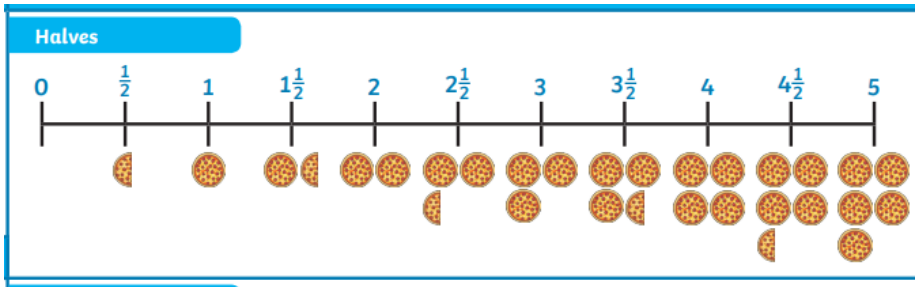
I can use a bar model to find a quarter.

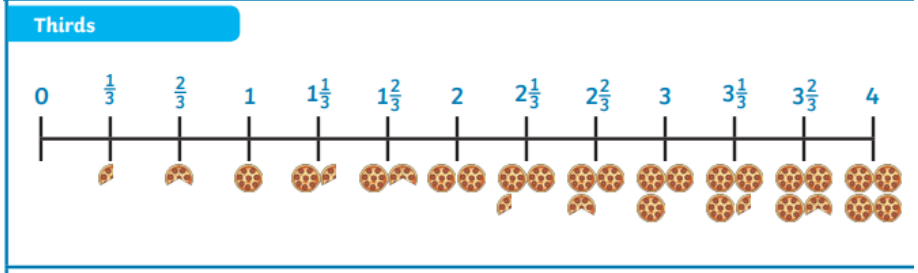
$\frac{1}{4}$

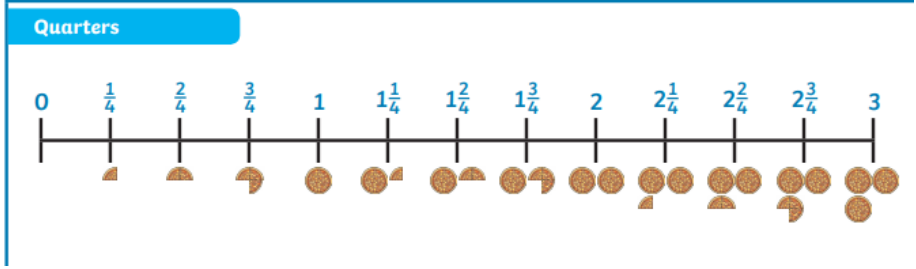


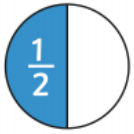
There are 4 pennies in each part.
16 ÷ 4 = 4
One quarter of 16 is 4

Counting in Fractions



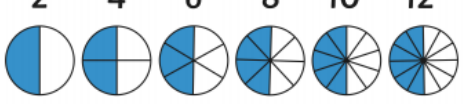






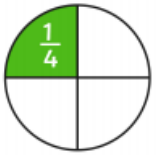
$\frac{1}{2}$ is equal to...

$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$



$\frac{1}{3}$ is equal to...

$\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12} = \frac{5}{15} = \frac{6}{18}$



$\frac{1}{4}$ is equal to...

$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$