## Year 7 - Maths Knowledge Organiser Spring 2 (2023/2024)

## Addition and subtraction of fractions

## What do I need to be able to do?

- Convert between mixed numbers and fractions.
- Convert between mixed number and improper fractions.
- Add and subtract unit fractions with the same denominator.
- Understand and use equivalent fractions.
- Add and subtract fractions where denominators share a simple common multiple.
- Add and subtract fractions with any denominator.
- Add and subtract improper fractions and mixed numbers.


## Keywords:

Numerator: the number above the line on a fraction. The top number. Represents how many parts are taken.
Denominator: the number below the line on a fraction. The number represent the total number of parts.
Equivalent: of equal value.
Unit fraction: is a fraction with a numerator of 1.
Non-unit fraction: a fraction where the numerator is greater than 1.
Proper fraction: a fraction with a bigger denominator than numerator. Improper fractions: a fraction with a bigger numerator than denominator Mixed numbers: a number with an integer and a proper fraction.



Mixed numbers and improper fractions


Mixed numbers, proper and improper
fractions


How to add and
subtract fractions


Equivalent fractions

