

### What should I already know?

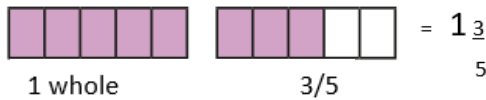
- Count up and down in tenths, recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers of quantities by 10.
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- Recognise and show, using diagrams, equivalent fractions with small denominators.
- Add and subtract fractions with the same denominator within one whole.
- Compare and order unit fractions and fractions with the same denominators.

### Key Vocabulary and definitions

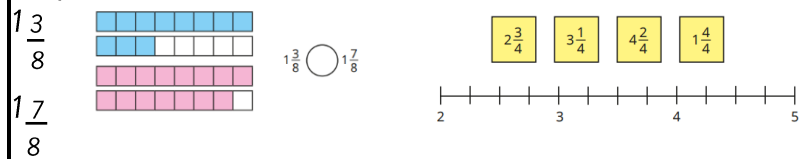
<b>Decimal</b>	Numbers which lie between whole numbers and represent part of a whole.
<b>Decimal point</b>	The dot present between the whole number and fractions part.
<b>Denominator</b>	The bottom number of a fraction which shows you how many parts or groups the whole needs splitting into.
<b>Equivalent</b>	Equal in value or amount. The same.
<b>Improper fraction</b>	A fraction where the numerator is greater than the denominator.
<b>Mixed number</b>	A number with an integer (whole number) and a proper fraction.
<b>Non-unit fraction</b>	A fraction whose numerator is greater than 1.
<b>Numerator</b>	The top number of a fraction which tells you how much to shade or count.
<b>Proper fractions</b>	A fraction where the numerator is smaller than the denominator.
<b>Unit fraction</b>	A fraction whose numerator is 1.

### Key Knowledge

**Understand mixed numbers using diagrams and number lines:**



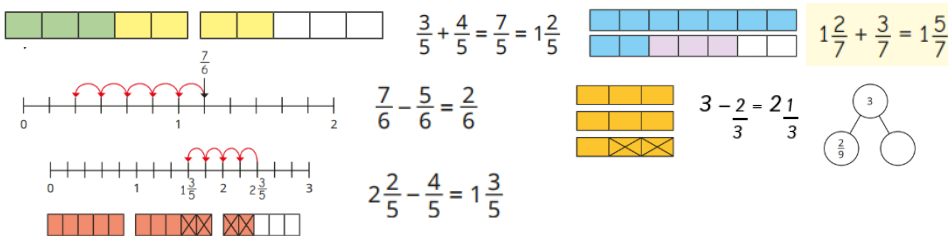
**Compare and order mixed numbers: bar and number line**



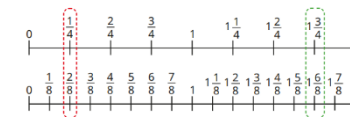
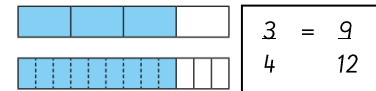
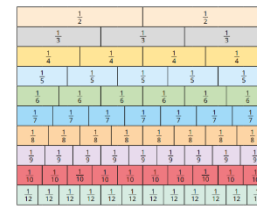
**Convert between mixed numbers and improper fractions:**



**Add and subtract fractions with the same denominator (including + and - two or more fractions) - bar and number line.**



**Recognise and show, using diagrams, families of common equivalent fractions:**



*Not in National curriculum but DfE ready to progress documents (additional objectives):*

- Counting beyond 1
- Partitioning mixed numbers
- Understanding improper fractions