

Vocabulary

- Numerator
- Denominator
- Unit Fraction
- Non-unit fraction
- Equivalent
- Thirds
- Half (halves)
- Quarter
- Fifths
- Sixths
- Eighths
- Tenths
- Decimal

Objectives

- Unit and non-unit fractions
- Making the whole
- Tenths
- Tenths as decimals
- On a number line and as a set of objects
- Equivalent fractions
- Compare fractions
- Order fractions
- Add fractions
- Subtract fractions

Fractions Year 3 Knowledge organiser

Prior learning

Equal parts, halves, quarters, thirds, equivalence of $\frac{1}{2}$ and $\frac{2}{4}$, find $\frac{3}{4}$, count in fractions

Concrete resources

- Cubes
- Fraction wall
- Dienes blocks
- Groups of objects

Recognising Fractions



$\frac{3}{8}$

Numerator
How many equal parts of the whole are needed?

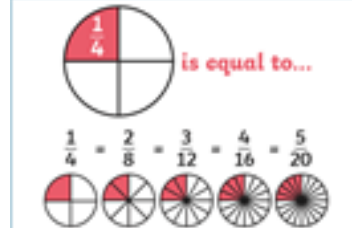
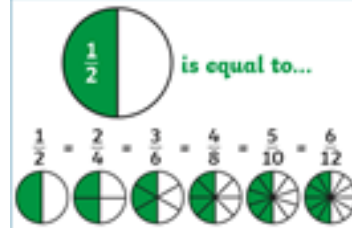
Denominator
How many equal parts are in the whole?

Comparing Fractions

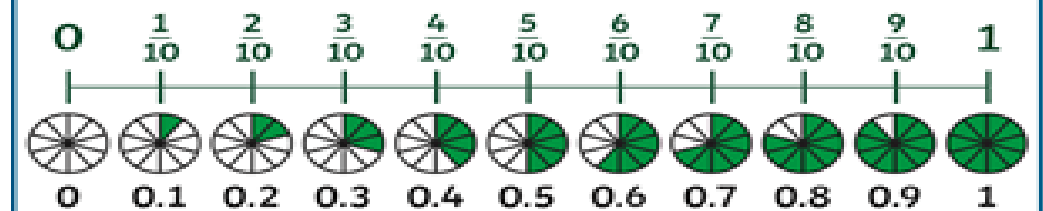
$\frac{1}{3}$ *Less than* $\frac{2}{3}$

$\frac{4}{5}$ *Greater than* $\frac{3}{5}$

Equivalent Fractions



Tenths



Fractions of Amounts

$\frac{1}{4}$ of 24 = 6



$\frac{1}{3}$ of 72 = 24



Add and Subtract Fractions

$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$

$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$