

Fractions



Year 1

One half is one of two equal parts

One quarter is one of four equal parts

$\frac{1}{2}$ of each shape is yellow.

Share equally into 2 groups

$\frac{1}{4}$ of each shape is yellow.

Share into 4 equal groups



Year 2

One third is one of three equal parts

$\frac{1}{3}$ of the whole is yellow

Share equally into 3 groups

$\frac{3}{4}$ of the whole is yellow

3 of 4 equal parts

Two quarters are equivalent to one half

$\frac{2}{4}$ of the whole is yellow

$\frac{1}{2}$ of the whole is yellow



Year 3

Unit fractions have a numerator of 1

Non-unit fractions have a numerator greater than 1

$\frac{2}{3}$ is 2 one thirds

$\frac{4}{7} < \frac{6}{7}$

When the denominators are the same, the larger the numerator, the larger the fraction.

$\frac{2}{7} < \frac{2}{5}$

When numerators are the same, the larger the denominator the smaller the fraction.



Year 4

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

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



Year 5

Use equivalence to compare

$\frac{1}{2} < \frac{3}{4} < \frac{5}{8}$

$\frac{3}{5} = \frac{6}{10}$

$\frac{3}{5} = \frac{9}{15}$



Year 6

$\frac{3}{7} = \frac{6}{14}$

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

$\frac{1}{3} - \frac{1}{3} = 0$

$\frac{1}{3} \times 3 = 1$

$\frac{1}{3} \div 3 = \frac{1}{9}$

Year 6

Simplify $\frac{7}{14}$

Compare

Order

Year 6 Term 3

$\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

$\frac{3}{4} - \frac{2}{3} = \frac{9}{12} - \frac{8}{12} = \frac{1}{12}$

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

$\frac{1}{3} \div \frac{1}{4} = \frac{4}{3}$