

Fractions

Knowledge Organiser

Key Vocabulary

numerator

denominator

unit fraction

non-unit fraction

equivalent

halves

thirds

quarters

fifths

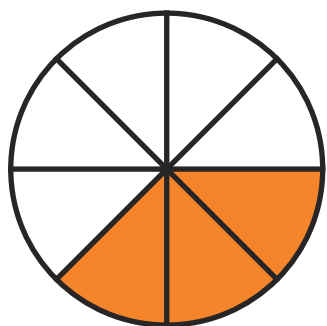
sixths

eighths

tenths

decimal tenths

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

$\frac{1}{3}$



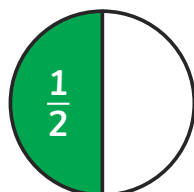
$\frac{2}{3}$

$\frac{4}{5}$

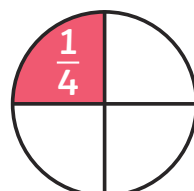
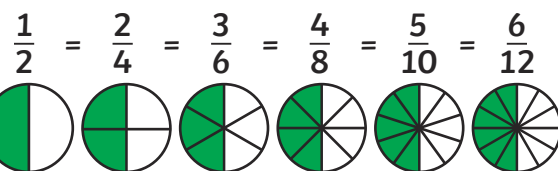


$\frac{3}{5}$

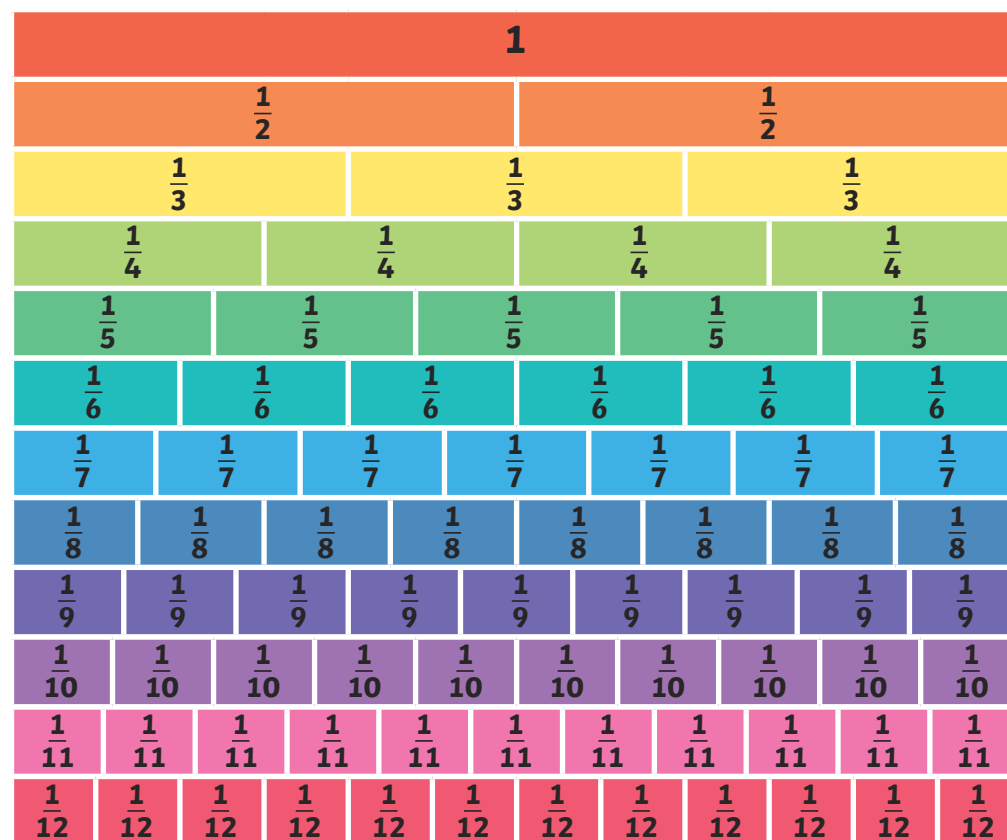
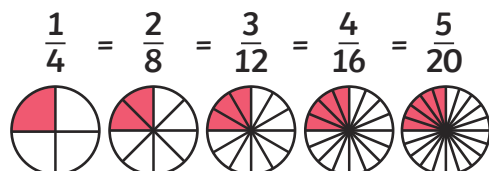
Equivalent Fractions



is equal to...



is equal to...



Add and Subtract Fractions

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



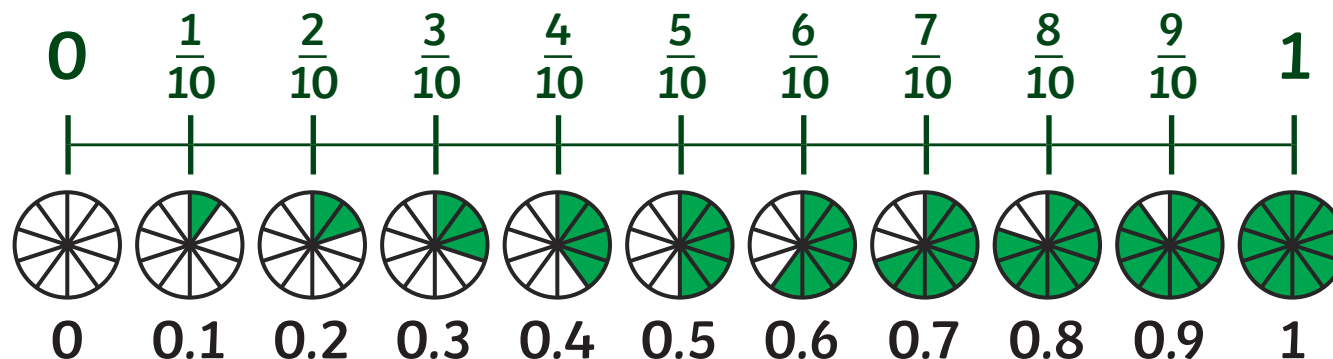
$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$



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



Tenths



Fractions of Amounts

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



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



$$\frac{2}{5} \text{ of } 40 = 16$$

