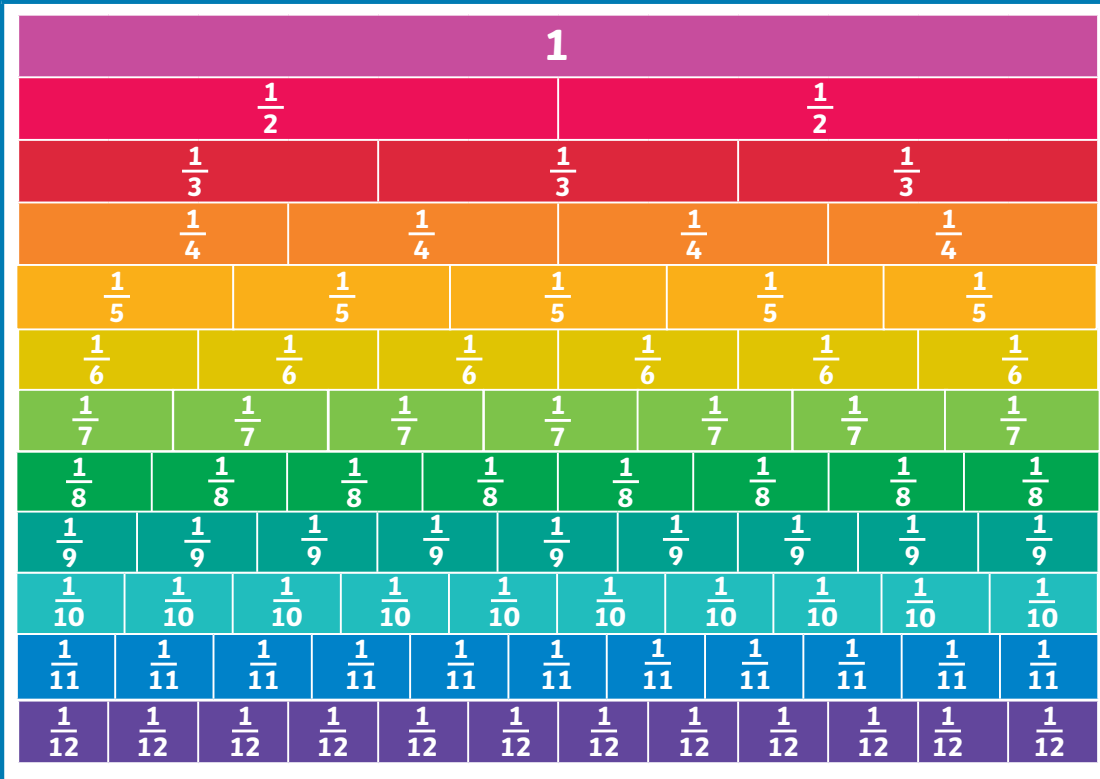


Key Vocabulary

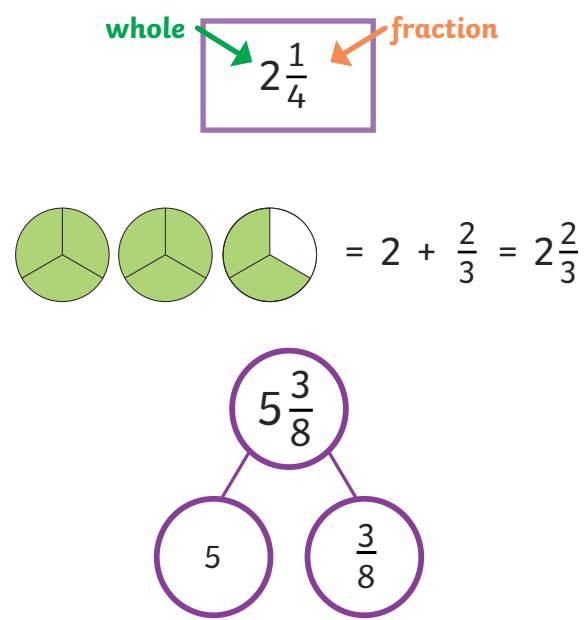
Fraction Families

Mixed Numbers

numerator
denominator
unit fraction
non-unit fraction
equivalent
quantities
whole
halves
thirds
quarters
fifths
sixths
sevenths



Mixed numbers contain a whole number and a fraction.

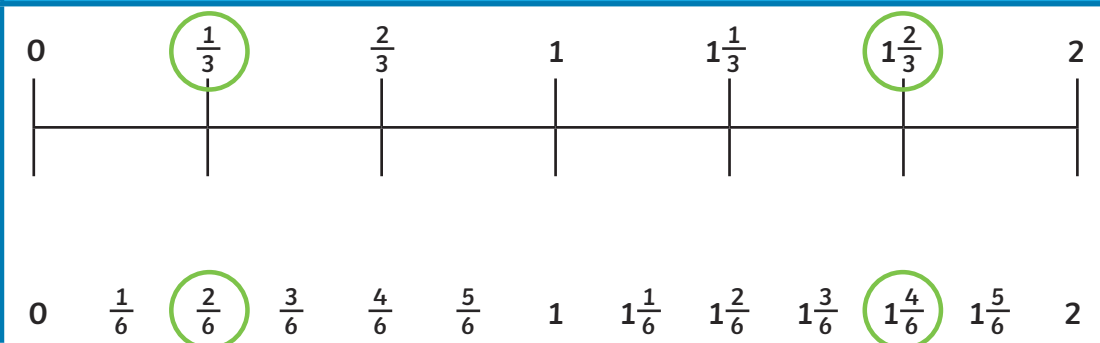


eighths

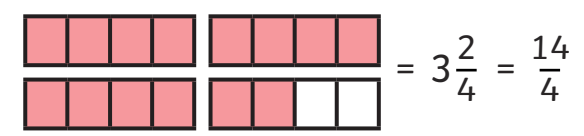
Equivalent Fractions

Improper Fractions

ninths
tenths
elevenths
twelfths
mixed number
improper fraction



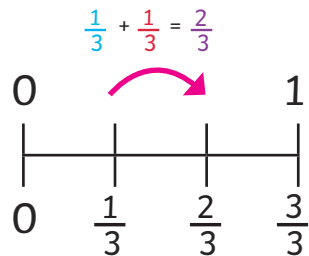
An improper fraction has a numerator which is greater than or equal to the denominator.



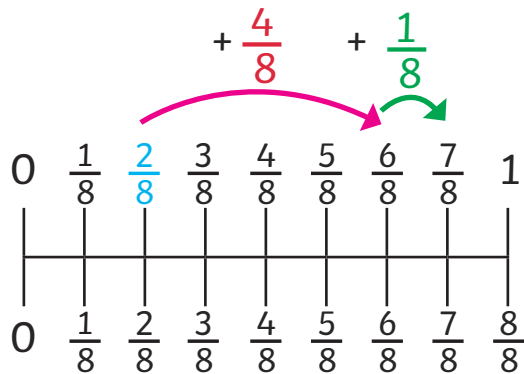
Adding Fractions

Fractions can be added when the denominators are the same.

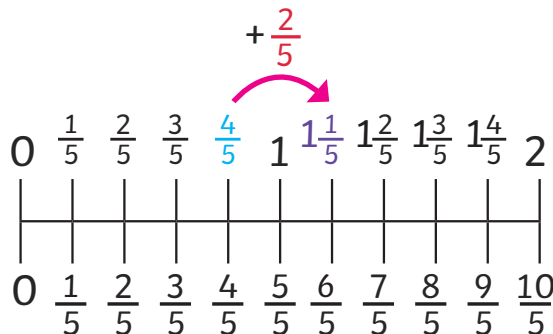
$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$



$$\frac{2}{8} + \frac{4}{8} + \frac{1}{8} = \frac{7}{8}$$



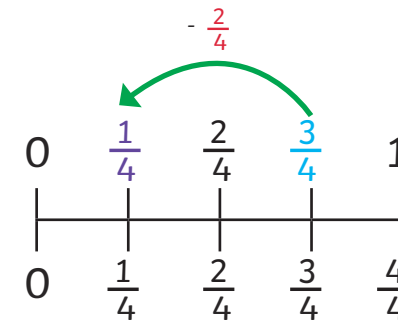
$$\frac{4}{5} + \frac{2}{5} = \frac{6}{5} \text{ or } 1\frac{1}{5}$$



Subtracting fractions

Fractions can be subtracted when the denominators are the same.

$$\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$$



$$1\frac{2}{6} - \frac{5}{6} = \frac{3}{6}$$

