

Cut out these boxes to display around the demonstration.

A **mixed number** contains whole numbers and parts of a whole (a fraction).

An **improper fraction** is one where the numerator is greater than the denominator.

Whole number



The diagram shows the mixed number $2\frac{5}{6}$ in orange. An arrow points from the text 'Whole number' to the '2', and another arrow points from the text 'Fraction' to the $\frac{5}{6}$ part.

Fraction

Numerator



The diagram shows the improper fraction $\frac{17}{6}$ in pink. An arrow points from the text 'Numerator' to the '17', and another arrow points from the text 'Denominator' to the '6'.

Denominator

Convert a mixed

number to an imp



proper fraction

Mixed Number

$$2 \frac{5}{6}$$

Improper Fraction

$$\frac{17}{6}$$

$$\frac{12}{6} + \frac{5}{6}$$



1



2



3



4

5



6



7



8



9

0

Cut out these instructions to display below the demonstration.

1. Look at the denominator of the fraction. This tells you how many parts make up a whole.

3. We can now add the whole number in its fraction form to the fraction already in the mixed number.

2. The numerator for the converted whole number = whole number \times denominator:

E.g. numerator = $2 \times 6 = 12$

Equivalent fraction = $\frac{12}{6}$

4. Add the numerators together to give you your improper fraction.

Cut out these arrows to connect the instructions to the demonstration.

