## Converting Fractions

## Proper Fractions

All these fractions have numerators that are smaller than their denominators.

This means that they are all less than 1.
They are called proper fractions .


Can you write down three more different proper fractions?

All these fractions have numerators that are larger than their denominators.

This means that they are all more than 1.


Can you write down three more different improper fractions?


## Improper to Mixed Number

Improper fractions can also be written as a mixed number


## Improper to Mixed Number

Another way to think of this is to divide the numerator (11) by the denominator (4). However many times 4 goes into 11 evenly becomes the whole and the remainder becomes the fraction.


## Converting Challenge 1

Have a go at changing these improper fractions into their mixed number equivalents .


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Have a go at changing these improper fractions into their mixed number equivalents.


## Converting Challenge 2

Have a go at changing these improper fractions into their mixed number equivalents .


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Have a go at changing these improper fractions into their mixed number equivalents .


## Mixed Number to Improper

Mixed number fractions can also be written as an improper fraction as they are equivalents.
In this mixed
number, every
whole is made
of six parts.

Think about how many parts there will be altogether if we calculate $3 \times 6$.


## Mixed Number to Improper

Another way to look at this is to multiply the whole number by the denominator, add the


## Converting Challenge 3

Have a go at changing these mixed number fractions into their improper fraction equivalents .


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Have a go at changing these mixed number fractions into their improper fraction equivalents.


## Converting Challenge 4

Have a go at changing these mixed number fractions into their improper fraction equivalents


## Converting Challenge 4

Have a go at changing these mixed number fractions into their improper fraction equivalents .



