

Three hungry friends order a pizza.

They cut the pizza in three, so each gets one third.

They then cut each third in two to make sixths because smaller pieces are easier to eat.

One third and two sixths are equivalent fractions.

To work out equivalent fractions, multiply or divide both the bottom and top of the fraction by the same number.

For example, starting with a third.

One times two is two.

Three times two is six.

So, one third is equivalent to two sixths.

Oh no! Four people.

No problem. Cut each piece in two again.

Two times two is four. Six times two is twelve.

So, two sixths is equivalent to four twelfths and this is good because twelve can also be divided by four, so four people can each get three twelfths, equivalent to one quarter, of the pizza.

Equivalent fractions make friends happy