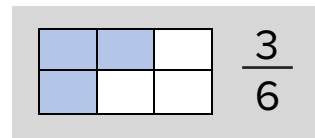




# FRACTIONS

Fractions are numbers that specify a number of equal parts of a whole. For instance, if you split a pizza between your three friends, you each get  $\frac{1}{3}$  of the pizza.

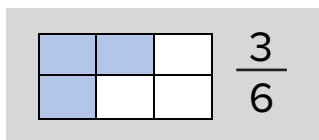
3 of the 6 equal-sized boxes are highlighted in the rectangle, so the fraction represented here is  $\frac{3}{6}$ . 3 is the numerator and specifies “how many”, while 6 is the denominator and specifies “what kind”. Here, there are three sixths.



Fractions can be expressed in different ways:

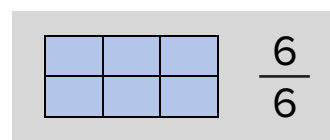
## Proper Fraction

Our fraction above,  $\frac{3}{6}$ , is called a proper fraction because the numerator is less than the denominator.



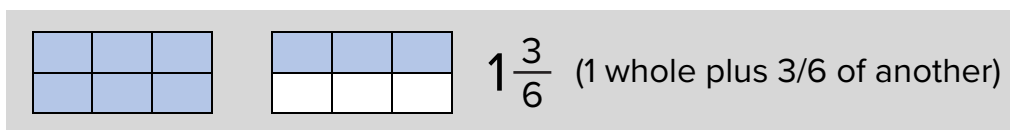
## Improper Fraction

$\frac{6}{6}$ , which is 1 whole, is an improper fraction because the numerator is not less than the denominator.



## Mixed Number

When you have more than 1 whole split into equal divisions, this is known as a mixed number.



## Equivalent Fraction

Equal quantities can be represented with equivalent fractions.

