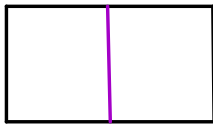


Fractions

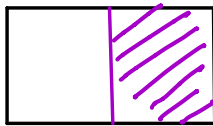
A fraction is a part of one whole.



one whole



one whole divided into 2 equal parts



The shaded area is represented as the fraction $\frac{1}{2}$ (one part coloured out of two possible parts).

The three parts of a fraction are:

Denominator - the number of equal pieces that the whole is divided into. It is the bottom number.

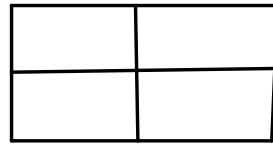
Numerator - the number of pieces that you actually have. It is the top number.

The fraction bar - the line between the numerator and the denominator. It represents division.

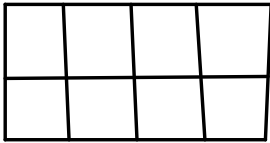
*** When you are trying to ascertain what the denominator is, make sure that you know what "the whole" is.



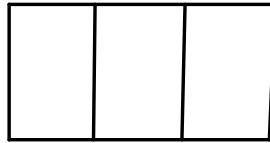
One whole divided into 4 equal pieces.
The denominator is 4.



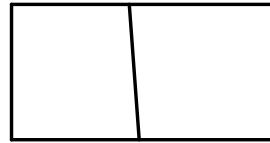
This is a trick!
Each whole has 4 equal pieces.
The denominator is still 4.



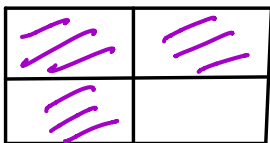
$\frac{1}{8}$



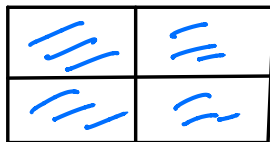
$\frac{1}{3}$



$\frac{1}{2}$



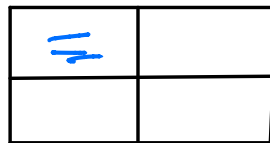
$\frac{3}{4}$



$\frac{4}{4} = 1$



$\frac{4}{4} = 1$



$\frac{1}{4}$

Total = $2\frac{1}{4}$