Three Types of Fractions

There are three types of fraction:

- Proper Fraction: The numerator is less than the denominator
  - Examples: 1/3, 3/4, 2/7

- Improper Fraction: The numerator is greater than (or equal to) the denominator
  - Examples: 4/3, 11/4, 7/7

- Mixed Fraction: A whole number and proper fraction together
  - Examples: 1 1/3, 2 1/4, 16 2/5

Fractions

A Fraction (such as 7/4) has two numbers:

- Numerator
- Denominator

The top number is the Numerator, it is the number of parts you have.
The bottom number is the Denominator, it is the number of parts the whole is divided into.

Example: 7/4 means:

- We have 7 parts
- Each part is a quarter (1/4) of a whole

So we can define the three types of fractions like this: