# Lesson 1 Classifying Real Numbers

**set** - a collection of objects

<u>finite set</u> - the number of objects can be counted. (finite number)

infinite set - the number of objects cannot be counted (infinite number)

### rational numbers-

numbers that can be written as fractions

## irrational numbers-

numbers that cannot be written as fractions

# integers-

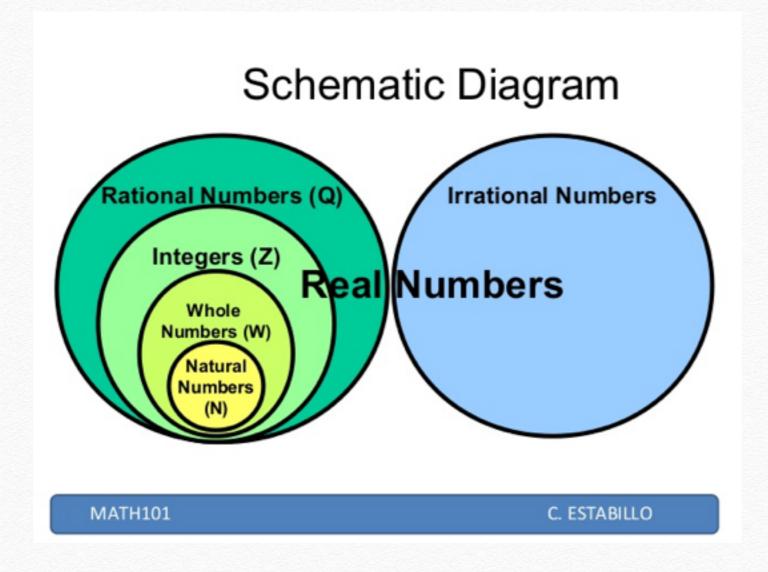
the set of whole numbers and their opposites

### whole numbers-

the set of natural numbers and zero

## natural numbers-

the numbers used to count objects or things



https://www.youtube.com/watch?v=xkRhdqipwFo