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# MATHESIS UNIVERSALIS

Mathematics is [an](#) ideographic [language](#) which uses the symbols to define the real [life](#) problems and situations.

In terms of Geometry , mathematics is more of [an](#) art than science which deals with the shape and sizes of objects but in [an](#) abstract and very precise manner. But to study something u need a [language](#) , so mathematics is the [language](#) of signs.

- [LOGIC](#)
- [NUMBERS](#)
- [MEASURE](#)

Mathematical [language](#) is quite complex but brief [language](#) which can reduce a large amount of sentences in to just a simple equation.

Some of the ideographic sentences we use in physics , chemistry and mathematics in our day to day [life](#).

- Situations in our universe expressed
  - in terms of equations
    - more general
      - Terms of particles or numbers
        - mathematical
      - physical situations
        - more abstract
          - direction
            - vector
          - Elemental or waves
            - [light](#)
              - [light](#)
            - [Sound](#)
              - [Sound](#) waves
            - heat
              - thermodynamic
            - magnetic
              - gravitational
            - [electricity](#)
            - liquid
            - gas
            - solid
              - classical mechanics
    - chemical or molecular
  - equations
    - quadratic equations
    - chemical equations
    - [list of equations in classical mechanics](#)
    - [list of equations in wave theory](#)
    - [list of equations in quantum mechanics](#)

- [list of equations in gravitation](#)
- [list of equations in nuclear and particle physics](#)
- [list of equations in fluid mechanics](#)
- [list of relativistic equations](#)
- [List of electromagnetism equations](#)
- [list of physics equations](#)
- [list of optics equations](#)
- [list of thermodynamic equations](#)

## MATHEMATICAL SYMBOLS

### Mental Mathematics

- [mental maths](#)

### Basic math symbol

- [MATHEMATICS](#)

### Geometry symbols

- [GEOMETRY](#)

### Algebra symbols

- [ALGEBRA](#)

### Probability and statistics symbols

- [PROBABILITY AND STATISTICS](#)

### Combinatorics Symbols

- [ARS COMBINATORIA](#)

### set theory symbols

- [SET THEORY SYMBOLS](#)

### logic symbols

- [LOGIC](#)

## calculus and analysis symbols

- CALCULUS AND ANALYSIS

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