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SPACE (DIMENSIONS)

In geometry, a three-dimensional space (3D space, 3-space or, rarely, tri-dimensional space) is a mathematical space in which three values (coordinates) are required to determine the position of a point. Most commonly, it is the three-dimensional Euclidean space, that is, the Euclidean space of dimension three, which models physical space. More general three-dimensional spaces are called 3-manifolds. The term may also refer colloquially to a subset of space, a three-dimensional region (or 3D domain), a solid figure.

- 0D - Zero dimensional space
  - zero
- 1D - One dimensional space
  - Numerical length / meter , meter length
  - Number line , number line
- 2D - two dimensional space
  - Numerical area / meter square meter square area
  - Numerical planes , 2d coordinate shape , computational graphical shape , 2d shape
    - 2D matter does not exist
    - 2D computational graphics
- 3D - three dimensional space
  - numerical volume / meter cube meter cube volume
  - numerical solids , 3d coordinate shape , 3d shape
    - 3D computational models
    - 3D formal shapes
    - 3D matter measures
      - DEFINITE MASS