DEFINITIONS AND FORMULA SHEET | CHAPTERS 1 - 10

GEOMETRY - MEASURE OF THE EARTH

- • - <u>point</u>, Ø dimension
  smallest unit of measure

⟷ <u>line</u>, 1 dim, infinite number
  of points
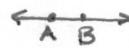
A, B = co-linear
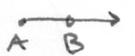
RAY $\overrightarrow{AB}$ ½ line, endpoint
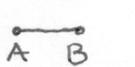
LINE SEGMENT $\overline{AB}$, 2 endpoints

plane, 2 dim. — made of ∞
  # of ⟷

space, 3 dim.

2 lines in same plane are <u>co-planar</u>

<u>equal</u> = exactly the same measurable
  length

~ <u>similar</u>, same shape, diff.
  size
  Δ △

≅ <u>congruent</u>, same shape, same
  size
  Applies to shapes only.

PLANE Geometry
  study of 2-dim. shapes

SOLID Geometry
  study of 3-dim. shapes