TO CURENIEN

- **Topics Covered:**Qualitative and
 - Quantitative
- Dimensional Analysis
- ☐ SI System
- ☐ Scientific Notation
- ☐ Significant Figures
- Density

UNIT OBJECTIVES

- ☐ Use the SI system in taking and recording measurements in terms of significant figures, precision and accuracy
- ☐ Understand temperature in terms of Kelvin and Celsius
- ☐ Perform unit conversions including using scientific notation
- Understand matter in terms of mass, volume and density

QUALITATIVE AND QUALITATIVE AN

QUALITATIVE AND QUANTITATIVE

• Qualitative: Lines a description waity"

example: Ms. Shomshor's shoes are red

• Quantitative: Lives a definite, usually numeric example: Ms. Shomshor has 55 pairs of shoes

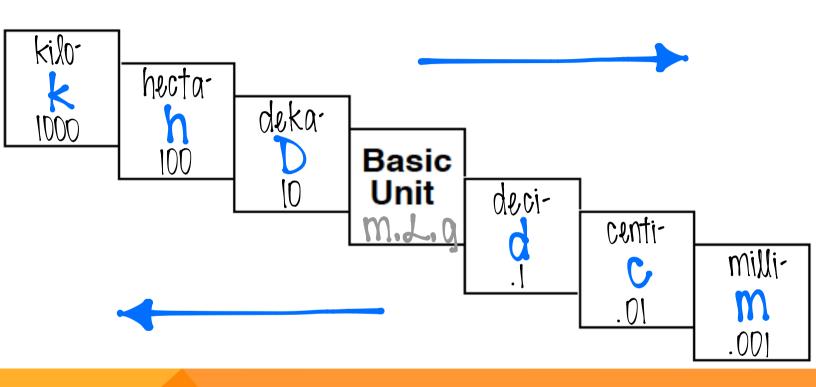
SISIEM

SI SYSTEM

Le Systéme International d'Unités (SI) Base Units

- Amount of Substance: Mole (mole)
- · Length: meter (m)
- Mass: 9RMM (9)
- Temperature: Kellin (K)
- · Time: Sword (s)
- · Volume: liter (1)

SI SYSTEM



SI SYSTEM

- 1. 1 kg = <u>\,\mathcal{M}\,\mathcal{M}</u> mg \.___
- 2. 21.5 km = 21.5 m 21.5
- 3. 6.7 dL = 0.67 L 6.7
- 4. 6.7 DL = 67 L 6.7
- 5. 0.4 cg = 0.0004 hg