UNIT 2:

MEASUREMENT

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 QUANTITATIVE

QUALITATIVE AND QUANTITATIVE

- Qualitative:

- Quantitative:

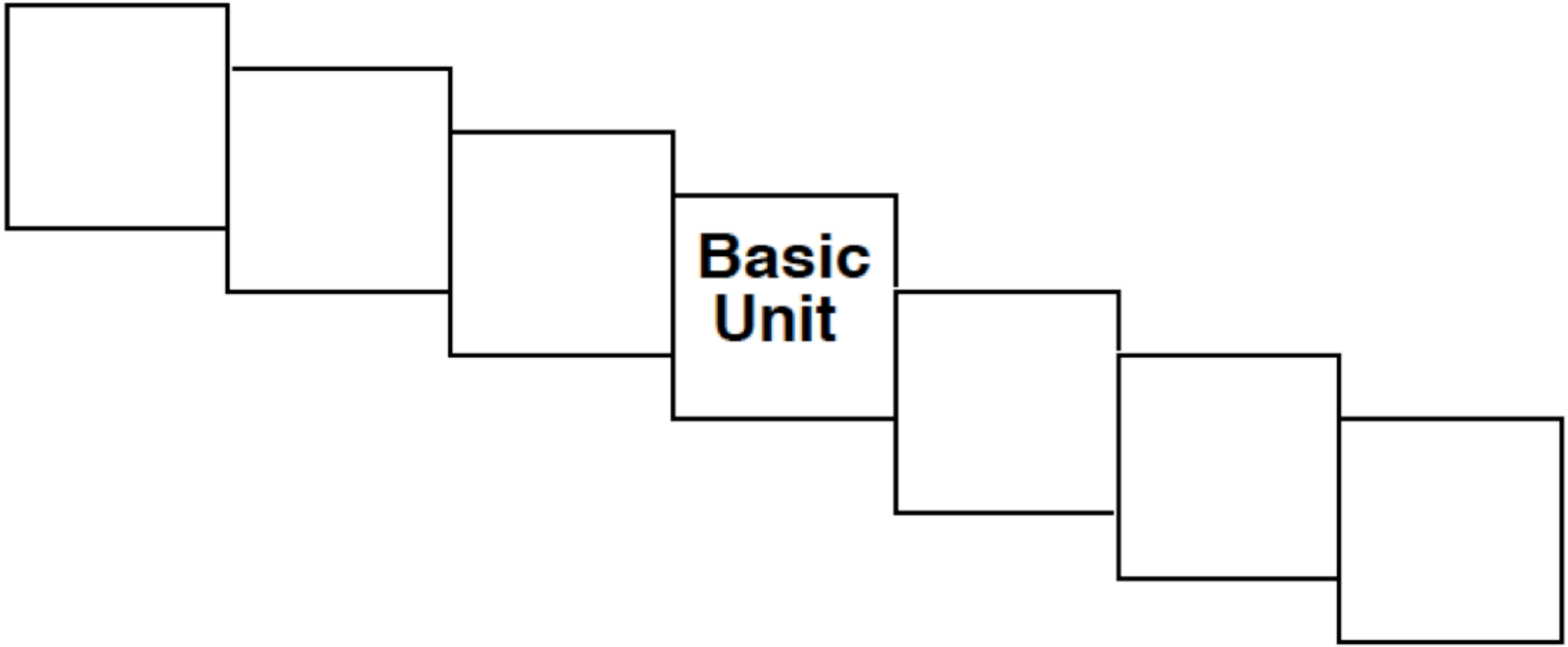
SI SYSTEM

SI SYSTEM

Le Systéme International d'Unités (SI) Base Units

- Amount of Substance:
- Length:
- Mass:
- Temperature:
- Time:
- Volume:

SI SYSTEM



SI SYSTEM

1. 1 kg = _____ mg

2. 21.5 km = _____ m

3. 6.7 dL = _____ L

4. 6.7 DL = _____ L

5. 0.4 cg = _____ hg