

Basic and Fundamental Units of Measurement

Name:

Class:

Instruction: Answer all questions. Watch your spelling.

1. Use the words to complete the passage below by placing them in the correct slots.

Length Own Basic Current Temperature Five Mass

A **b**_____ quantity is a quantity that has its own unit and is not derived from another.

F_____ examples of basic quantities are **M**_____, **L**_____, Time,
C_____ and **T**_____.

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2. Match/ drag the basic quantity beside its correct meaning

Mass Length Time Current Temperature

- A measure of the flow of electricity which results from the movement of electrically charged particles
- A measure of the distance between two points
- A measure of the amount of particles in matter
- A measure of the hotness or coldness of a body
- A measure of how long it takes an event to occur

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3. Which International System of Units (**SI**) would you use to measure and record the following in?

- a. The mass of a stone
- b. The length of a room
- c. The amount of electricity used
- d. The temperature of some hot water
- e. The time to run 10 meters.

4. Name the basic quantities that the instruments below are used to measure

