



## Part A. Vocabulary Review

Directions: Complete the following sentences using the terms listed below.

model	mass	graph	hypothesis
standard	dependent variable	independent variable	
technology	theory	control	volume
constant	experiment	scientific law	society

- \_\_\_\_\_ 1. The factor in an experiment that is changed by the experimenter is the \_\_\_\_\_.
- \_\_\_\_\_ 2. A visual display of information or data is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 3. An idea, event, or object is represented by a(n) \_\_\_\_\_.
- \_\_\_\_\_ 4. A test of a hypothesis is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 5. A standard for comparison that is used in an experiment is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 6. A rule of nature that tells you what will happen under certain conditions is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 7. The independent variable in an experiment may cause a change in the \_\_\_\_\_.
- \_\_\_\_\_ 8. The amount of space occupied by an object is called its \_\_\_\_\_.
- \_\_\_\_\_ 9. A testable prediction is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 10. Another term for applied science is \_\_\_\_\_.
- \_\_\_\_\_ 11. A variable that doesn't change in an experiment is called a \_\_\_\_\_.
- \_\_\_\_\_ 12. An explanation based on many observations supported by experimental results is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 13. An exact quantity that people agree to use for comparison is a(n) \_\_\_\_\_.
- \_\_\_\_\_ 14. A measurement of the quantity of matter is \_\_\_\_\_.
- \_\_\_\_\_ 15. A group of people that share similar values and beliefs form a \_\_\_\_\_.