Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 1-About Science Note Taking Guide

1. The Basic Science-(def)
   1. \_\_\_\_\_\_\_,\_\_\_\_\_\_\_,\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_,\_\_\_\_\_\_\_,\_\_\_\_\_\_\_,\_\_\_\_\_\_\_\_
   2. Ideas reach up to more \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_.
   3. Uses \_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The Scientific Method-(def)
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ usually credited with creating it.
   2. Steps

1.

2.

3.

4.

5.

C. The Scientific Attitude

a. Fact-

b. Law-

c. Theory-

D. Scientific Hypotheses must be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a. Must be a \_\_\_\_\_\_\_\_\_\_ for proving it \_\_\_\_\_\_\_\_\_\_\_.

Example-Which is a scientific hypothesis?

* + - 1. Atoms are the smallest particles of matter that exist.
      2. The universe is surrounded by a second universe, the existence of which cannot be detected by scientists.
      3. Albert Einstein is the greatest physicist of all time.

Answer-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E. Science, Technology, Art and Religion

a. Science answers \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

b. Technology solves \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

c. Art creates objects that \_\_\_\_\_\_\_\_\_\_\_\_ the \_\_\_\_\_\_\_\_\_\_\_\_.

d. Religion deals with \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

All areas are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, not \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.