Ch 3-1: What are elements? Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Ch 3-2: What are atoms?

Basic Physical Science Notes S2 2019

Key Terms:

1. Element: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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EX:

1. Atom: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Fill-in-the-blank Ch 3-1:

1. There are more than \_\_\_\_\_\_\_\_\_\_ known elements.
2. Most elements are \_\_\_\_\_\_\_\_ at room temperature.
3. Some types of matter are made up of only \_\_\_\_\_\_\_\_\_ element, like \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Some types of matter are made up of more than one element, like \_\_\_\_\_\_\_\_\_\_\_\_\_.

Short Answer Ch 3-2:

1. Who was the first person to use the word atom?
2. Whose investigation on properties of gases led him to propose an atomic theory of matter?
3. What are the four main parts of Dalton’s Atomic Theory?
4. What is the name of the tool that can capture images of an atom?