**UNIT 4: Atoms and Molecules**

1. **Fill in blanks with the correct answer.**
2. Anything which takes up space and has weight is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Matter is made up of very tiny particles called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Atoms join up to form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. An atom is a tiny particle which has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in the center.
6. The nucleus is made up of particles called\_\_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. Around the nucleus there are much smaller, lighter particles called\_\_\_\_\_\_\_\_\_\_.
8. The number of protons and electrons is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. Carbon, silver, gold and oxygen are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. Substances which have atoms of more than one kind are called\_\_\_\_\_\_\_\_\_\_\_\_\_.
11. Elements have been sorted in two groups: \_\_\_\_\_\_\_\_\_\_\_\_\_and\_\_\_\_\_\_\_\_\_\_\_\_\_.
12. Iron, gold, silver, and copper are example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
13. Heat and electricity can easily pass through\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
14. Sulfur, oxygen, nitrogen and carbon are\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
15. The temperature at which a solid changes into a liquid is called it’s \_\_\_\_\_\_\_\_.
16. The temperature at which a liquid boils is called it’s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
17. The change of water vapor into liquid is called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
18. **Label the four parts of an atom.**

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1. **Name the three states of matter?**

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**1………………. 2……………… 3………………..**