



## GENERAL SCIENCE CH:3 SOLIDS, LIQUIDS AND GASES

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: V Sec: \_\_\_\_

### I. Fill in the blanks.

1. Anything that occupies -----and has -----is called matter.
2. Matter is made up of tiny particles called -----
3. -----, liquids and -----are the three states of matter.
4. A physical change is a -----change.
5. In a solid, the force of attraction between molecules is very -----
6. The molecules in a -----are arranged slightly away from each other.
7. The molecules in a -----move freely and spread in the entire available space.
8. Molecules are tightly-packed in a -----solid and so it has a definite shape and -  
-----
9. On -----, a solid changes to a liquid and a liquid into a gas.
10. Liquids do not have a definite -----
11. The molecules move closer when a substance is -----
12. -----is the gaseous form of water.
13. Gases do not have a definite ----- or volume but have definite -----
14. A chemical change is mostly -----and -----
15. A chemical change leads to the formation of one or more ----- substances.

### II. Identify the type of change (physical/ chemical):

1. Melting of ice - -----
2. Rusting of a metal gate - -----
3. Bending of a copper wire - -----
4. Cooking of rice - -----
5. Dissolving salt in water - -----
6. Melting of solid wax - -----
7. Cutting a sheet of paper - -----
8. Milk changing into curd - -----



### III. Give reason:

1. Solids have a definite shape and volume.

-----

-----

-----

2. If cooking gas leaks from a cylinder it spreads in the entire house.

-----

-----

-----

3. Melting of wax is a physical change.

-----

-----

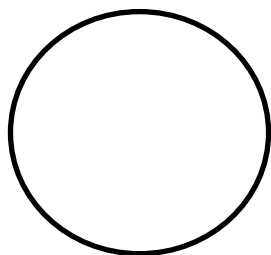
-----

4. Coconut oil changes into a solid in winter.

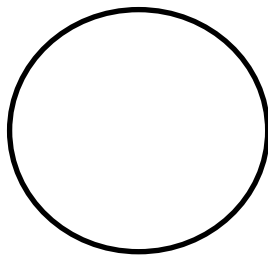
-----

-----

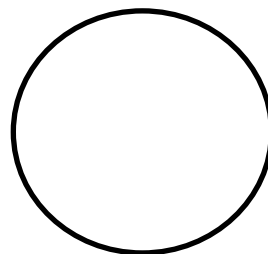
### IV. Draw the arrangement of molecules in a solid, liquid and gas.



-----



-----



-----

### V. Classify the following as solid, liquid or gas.

1. Cotton - -----
2. Air - -----
3. Water vapour - -----
4. Wool - -----
5. Oxygen - -----

6. Milk - -----
7. Plastic chair - -----
8. Pencil - -----
9. Oil - -----
10. Leaf - -----

