

Solids, Liquids, and Gases ▪ *Guided Reading and Study*

9. What causes surface tension?

10. Circle the letter of the term that means the resistance of a liquid to flowing.

- a. amorphous
- b. solid
- c. viscosity
- d. surface tension

11. Is the following sentence true or false? Liquids with high viscosity flow quickly. _____

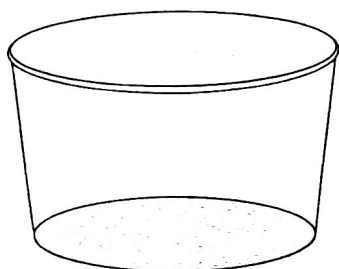
Gases (p. 75)

12. Which state of matter has neither definite shape nor volume?

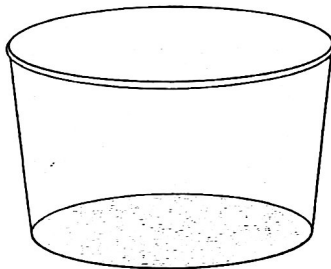
13. If you put a gas into a container with a top, what will the gas do?

14. Is the following sentence true or false? Like a liquid, a gas is a fluid.

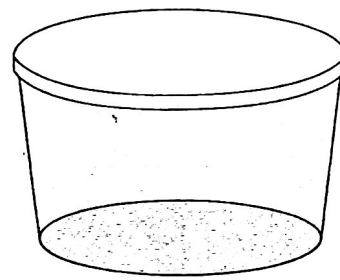
15. In the containers below, draw how the particles are arranged in the three states of matter.



Solid



Liquid



Gas