

# Scientific Method & Measurement

Name:

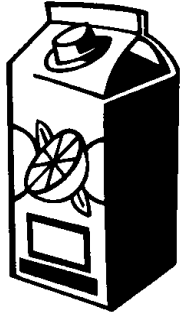
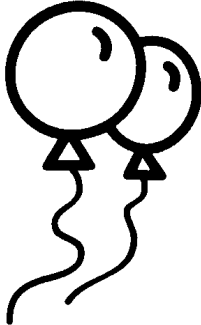
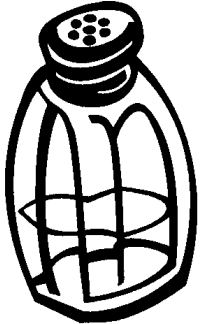
## Containers for States of Matter

Period:

Look at the containers below. Each one is designed to hold a state of matter.

- Write the state of matter by the container designed to hold it.
- Write the descriptions below in the appropriate boxes. Remember that they may be used more than once!

|  |                                  |
|--|----------------------------------|
| particles are held tightly in place by other particles | amount of empty space can change |
| has definite shape                                     | particles slide past each other  |
| particles break away completely from one another       | particles are close together     |
| changes volume to fill its container                   | particles vibrate in place       |
| changes shape when placed in a different container     | does not change volume           |
| changes shape when placed in a different container     | does not change volume           |

| state of matter   | characteristics |
|---|-----------------|
|   |                 |
|  |                 |
|  |                 |