
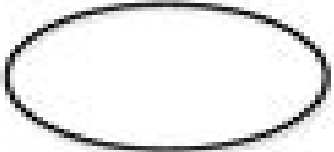



# STATES OF MATTER TEST

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

- Matter is anything that takes up \_\_\_\_\_.
  - time
  - space
  - light
- If an object has its own shape and feels hard it is a \_\_\_\_\_.
- Something that takes the shape of its container and can pour, flow, and spill is \_\_\_\_\_.
- Something that fills up all of a container and that we can't see is a \_\_\_\_\_.
- Draw the molecules for each state of matter:

|  |  |  |
|--|--|--|
|  |  |  |
| Solid  | Liquid   | Gas  |

- A bowl of water left in the sun all day may dry up because
  - the sun cools it into ice
  - cold weather turns it into a solid
  - the heat evaporates the water into a gas
- Circle whether the object is heated or cooled to make the 2<sup>nd</sup> object.

|                     |                    |         |          |                    |         |
|---------------------|--------------------|---------|----------|--------------------|---------|
| Flowing<br>Liquid → | Heated /<br>Cooled | → Rock  | Clouds → | Heated /<br>Cooled | → Rain  |
| Ice →               | Heated /<br>Cooled | → Water | Water →  | Heated /<br>Cooled | → Steam |