NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**States of Matter**

Pre/Post Poll-Circle the best answer

1. Matter is anything that takes up \_\_\_\_\_\_\_\_\_\_\_\_\_ and has mass.
   1. Land
   2. Water
   3. Space
2. In order for matter to change states, what has to be added or taken away?
   1. Temperature
   2. Heat
   3. Air
3. Which two states of matter have a definite volume?
   1. Solid & Liquid
   2. Solid & Gas
   3. Liquid & Gas
4. Changing from a liquid to a solid is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
   1. Melting
   2. Freezing
   3. Boiling/Evaporating
5. Changing from a liquid to a gas is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
   1. Melting
   2. Freezing
   3. Boiling/Evaporating
6. Molecules in a gas are moving very fast. They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_energy.
   1. Low
   2. Medium
   3. High
7. Molecules in a solid are moving very slow. They have \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ energy.
   1. Low
   2. Medium
   3. High
8. Give one example of a solid.
9. Give one example of a liquid.
10. Give one example of a gas.

Bonus Question: A basketball has two states of matter. Describe both.