

Matter Cloze

1. What are the three common states of matter?

2. What is the fourth state of matter? _____
3. Solids have _____ shape and _____ volume.
4. Liquids have _____ shape and _____ volume.
5. Gases have _____ shape and _____ volume.
6. All matter is made up of _____ in constant motion. This idea is called the _____.
7. In solids, particles move back and forth but do not have enough energy to ?
8. In liquids, particles have enough energy to _____.
9. In gases, particles have enough energy to _____.
10. _____ is a gas-like mixture of charged particles.
11. As matter is heated, the speed of the particles _____.
12. What happens to most matter when it is heated? _____.
13. _____ is when a liquid is heated and changes to bubbles of gas, below the surface.
14. Evaporation occurs when _____.
15. _____ is when a solid changes directly to a gas.
16. Condensation occurs when _____.
17. _____ is energy needed to change a material from solid to liquid.
18. Heat of vaporization is energy needed to change a material from _____ to a _____.