**Sections 2.1 – 2.3 Formative Worksheet**

**Please answer all the questions as best as you can**

1. What are the four parts of the particle theory?

|  |  |  |  |
| --- | --- | --- | --- |
| **State of Matter** | **Distance Between Particles** | **Volume and Shape** | **Particle Movement** |
| Solid |  |  |  |
| Liquid |  |  |  |
| Gas |  |  |  |

1. Fill in the chart below.
2. How does heat affect the molecules in matter? (Both removing and adding heat)
3. Draw a diagram of a solid changing to a liquid and then changing to a gas.
4. What is the difference between heat and temperature?
5. How does heat affect the volume of a solid? Liquid? Gas?