

L.C. What happens when you heat or cool each state of matter?

### Quiz

***When you heat a substance the particles...***

1 point

1. Have more energy.
2. Have less energy.
3. Have the same amount of energy.
4. Have no energy.

***When you cool a substance the particles...***

1 point

1. Have more energy.
2. Have less energy.
3. Have the same amount of energy.
4. Have no energy.

***When a substance is cooled it...***

1 point

1. Expands
2. Contracts
3. Stays the same volume.

***When a substance is heated it...***

1 point

1. Expands
2. Contracts
3. Stays the same volume.

***What happens to the particles in a solid when it is cooled?***

1 point

1. They vibrate more.
2. They stop vibrating.
3. They vibrate the same amount.
4. They vibrate less.