

Match the Change of State to the correct explanation of what happens to the particles.

Melting

Particles in a gas loose energy and move closer together due to cooling.

Freezing

When a liquid is heated, particles gain energy and move further away from each other.

Evaporation

All particles in a liquid change into a gas when this phase is reached.

Boiling

When solid particles are heated, they vibrate faster and move away from each other.

Condensation

When particles of a liquid are cooled, they loose energy, move less and get closer to one another.