

Name _____

The Marvelous Transformation of Matter

Short Answer Key

1. Dry ice (solid carbon dioxide) is an example of a substance that undergoes sublimation.
2. Melting is when a solid turns into a liquid, while freezing is when a liquid turns into a solid.
3. Condensation can be observed on a cold glass of water, where water vapor in the air turns into tiny water droplets on the glass surface.
4. During evaporation, the particles of a liquid gain enough energy to break their bonds and become water vapor, which rises into the air.
5. Deposition is the phase change where a gas turns directly into a solid, whereas condensation involves a gas turning into a liquid.

