

Name \_\_\_\_\_

## Sublimation and Deposition: The Magical Phase Changes

### Multiple Choice Questions

1. Which process involves a substance transitioning directly from a solid to a gas?
  - A. Deposition
  - B. Melting
  - C. Sublimation
  - D. Freezing
  
2. What is an example of a substance that undergoes sublimation?
  - A. Frost forming on a window
  - B. Ice cream melting in the sun
  - C. Dry ice turning into carbon dioxide gas
  - D. Snowflakes falling from the sky
  
3. What is the opposite of sublimation?
  - A. Melting
  - B. Deposition
  - C. Boiling
  - D. Condensation
  
4. When does deposition occur in nature?
  - A. When water vapor turns into frost on a cold surface
  - B. When ice cream is left out in warm weather
  - C. When a liquid turns into a gas
  - D. When dry ice melts into a liquid
  
5. In freeze-drying, which phase change is involved in removing water from frozen foods?
  - A. Melting
  - B. Sublimation
  - C. Deposition
  - D. Boiling

