

Name _____

Melting, Freezing, Boiling, and Condensation: A Dance of Phase Changes

Multiple Choice Questions

1. What is the process by which a solid turns into a liquid when heat is added?

- A. Freezing
- B. Boiling
- C. Condensation
- D. Melting

2. What temperature does water freeze at?

- A. 100 degrees Celsius (212 degrees Fahrenheit)
- B. 0 degrees Celsius (32 degrees Fahrenheit)
- C. -273 degrees Celsius (-459 degrees Fahrenheit)
- D. It depends on the pressure.

3. When a liquid turns into a gas, which process is occurring?

- A. Melting
- B. Freezing
- C. Boiling
- D. Condensation

4. What causes water vapor to form tiny water droplets on a cold mirror?

- A. Freezing
- B. Melting
- C. Boiling
- D. Condensation

5. At what temperature does water boil at sea level?

- A. 0 degrees Celsius (32 degrees Fahrenheit)
- B. 100 degrees Celsius (212 degrees Fahrenheit)
- C. -273 degrees Celsius (-459 degrees Fahrenheit)
- D. It varies depending on the substance.

