

Name _____

Water's Transformation Dance: Changing States with Temperature

Multiple Choice Questions

1. What is the process called when ice turns into liquid water?
 - a) Freezing
 - b) Condensation
 - c) Melting
 - d) Evaporation

2. At what temperature does water typically melt and transition from a solid to a liquid?
 - a) 100 degrees Celsius
 - b) 0 degrees Celsius
 - c) 32 degrees Celsius
 - d) 100 degrees Fahrenheit

3. What happens during the process of evaporation?
 - a) Water vapor turns into ice.
 - b) Liquid water gains heat energy and turns into gas.
 - c) Water droplets form in the atmosphere.
 - d) Water vapor falls to the ground as precipitation.

4. When warm, moist air rises and cools, what process occurs?
 - a) Melting
 - b) Condensation
 - c) Evaporation
 - d) Freezing

5. How do transitions between the states of water influence the water cycle and climate patterns?
 - a) They have no impact on the water cycle or climate.
 - b) They regulate Earth's temperature but don't affect the water cycle.
 - c) They play a crucial role in the water cycle and climate regulation.
 - d) They only impact local weather patterns.

