

Name _____

Unlocking the Mystery of Absolute Zero and Entropy: The Third Law of Thermodynamics

Multiple Choice Answer Key

1. c) The lowest possible temperature
2. a) As a system approaches absolute zero, its entropy remains constant.
3. b) The disorder or randomness of particles in a system
4. b) Entropy decreases
5. b) Because it's practically impossible to remove all heat energy from a substance

