

Name _____

Cosmic Echoes: Exploring the Cosmic Microwave Background Radiation

Short Answer

1. How did the discovery of the cosmic microwave background radiation support the Big Bang Theory?
2. Describe the significance of the uniform temperature of the CMBR.
3. What do the tiny hot and cold spots in the CMBR indicate about the early universe?
4. Explain the role of advanced observatories and satellites in studying the CMBR.
5. Why is the cosmic microwave background radiation often referred to as a "time capsule" from the early universe?

