

Name _____

The Universe's Cosmic Contours: What is its Shape?

Short Answer

1. Describe the characteristics of a flat universe and its implications for the universe's future.
2. What role does the Cosmic Microwave Background Radiation (CMBR) play in helping scientists determine the universe's shape?
3. How do large-scale structures, such as the cosmic web, provide insights into the universe's geometry?
4. Explain the concept of a "Big Crunch" and which universe shape it is associated with.
5. Why is the rate of the universe's expansion, known as the Hubble constant, significant in the study of the universe's shape?

