Name _____

Unlocking the Mystery: How Vast Is the Universe?

Open-Ended Response Questions

1. What do you think the term "observable universe" means, and why is it important for astronomers to distinguish between the observable universe and the entire universe?

2. Imagine you are an astronomer using Cepheid variables to measure cosmic distances. Describe how this method works and why it's valuable in studying the universe.

3. Discuss the implications of the expanding universe for our understanding of the cosmos and our place in it.

© ReadingDuck.com