

Name _____

Stargazing Wonders: Measuring the Universe with Light

Open-Ended Response Questions

1. Imagine you are an astronomer explaining the importance of measuring the speed and distance of celestial objects to a group of young students. How would you engage their curiosity and make the topic understandable to them?
2. Reflect on the role of light in astronomy and how it serves as a fundamental tool for scientists studying the cosmos. Discuss its advantages and limitations in our quest to understand the universe.
3. Investigate the cultural and societal impact of astronomical discoveries related to the universe's expansion. How have these discoveries reshaped our view of the cosmos and our place within it?
4. Discuss the potential future advancements in space telescopes and technology that could further revolutionize our ability to measure distant stars and galaxies. What possibilities do you foresee for the future of astronomy?

