

Name _____

What Causes Meteors to Streak Across the Night Sky?

Open-Ended Response Questions

1. Reflect on the cultural significance and historical interpretations of meteor showers in different societies. How have meteor showers influenced human imagination and storytelling?
2. Consider the scientific value of studying meteor showers and meteoroids. How do meteor showers provide insights into the solar system's history and composition?
3. Imagine you are observing a meteor shower for the first time. Describe the experience, your emotions, and the thoughts that come to mind as you watch the streaks of light across the night sky.
4. Discuss the role of amateur astronomers in documenting meteor showers and contributing to scientific research. How can citizen scientists make valuable contributions to meteor science?

