

Name \_\_\_\_\_

## Meteor Size Matters: How Big Can Meteors Get?

### Open-Ended Response Questions

1. Discuss the significance of meteor sizes in terms of their impact on the Earth's atmosphere and the planet's surface. How does the size of a meteoroid relate to the potential consequences of a meteor impact?
2. Imagine you are a meteoroid on a journey to Earth. Describe your experiences and transformations as you enter the Earth's atmosphere, taking into account your size and composition.
3. Explore the idea of meteors as celestial messengers. How have cultures and civilizations throughout history interpreted meteors of varying sizes, and what symbolic meanings have they attributed to them?
4. Reflect on the importance of studying meteors and meteoroids in our understanding of the solar system's formation and evolution. How can information about meteor sizes and compositions contribute to our scientific knowledge?

