

Name \_\_\_\_\_

## Exploring the Mysteries of Meteors and Meteor Showers

### Short Answer

1. What information can be obtained by analyzing the light emitted by meteors using spectroscopy?
2. How do meteor showers differ from regular meteor activity in the night sky?
3. Why is the study of meteorites important in understanding meteoroids and meteor showers?
4. How can long-exposure photography and time-lapse techniques aid in meteor shower research?
5. Explain the role of space-based observations in studying meteoroid streams.

