

Name _____

A Fiery Descent: What Happens to a Meteoroid When it Enters Earth's Atmosphere?

Short Answer

1. Describe the role of friction in the process of a meteoroid entering Earth's atmosphere and its transformation into a meteor.
2. What are the different stages in the life of a meteoroid as it interacts with Earth's atmosphere?
3. Explain the significance of meteorites and what they can reveal about our solar system.
4. Can a meteoroid emit visible light before entering Earth's atmosphere? If so, under what conditions?
5. Imagine you are watching a meteor shower. Describe the sequence of events you would observe as a meteoroid enters Earth's atmosphere and becomes a meteor.

