

Name _____

Comets: Visitors from the Cosmic Ice Realm

Short Answer

1. Describe the composition of a comet's nucleus and how it changes as the comet approaches the Sun.
2. Explain how a comet's tails are formed and why they point away from the Sun.
3. Discuss the historical significance of comets and their role in shaping human beliefs and cultures.
4. Why is Comet Halley one of the most famous comets, and how often does it return to the inner solar system?
5. Imagine you are an astronomer observing a newly discovered comet. What characteristics and features would you study to learn more about it?

