

Name _____

Comets: Mysterious Wanderers of the Night Sky

Open-Ended Response Questions

1. Imagine you are an astronaut studying a newly discovered comet. Describe the steps you would take to gather information about its composition and behavior.
2. Do you think comets have played a significant role in shaping human history and culture? Provide examples or reasons for your answer.
3. Compare and contrast comets with asteroids. What are the main differences between these two types of celestial objects?
4. If a comet were to pass close to Earth in the future, what precautions and preparations do you think scientists and space agencies should take? Explain your reasoning.

