

Name _____

Naming the Cosmic Wanderers: How Comets Get Their Names

Open-Ended Response Answer Key

1. Answers will vary but should include the proposal process, the chosen name's significance, and the importance of adhering to IAU guidelines.
2. Discuss famous comet names like Halley's Comet and Hale-Bopp and their connections to discoverers, historical events, or celestial characteristics.
3. Discuss how a standardized process ensures clarity and avoids potential controversies, enhancing the scientific and public understanding of comets.
4. Explore the historical significance of comets in different cultures, such as the role of comets as omens or symbols in mythology and folklore.

