

Name _____

Celestial Wanderers: How Often Do Comets Grace Our Skies?

Multiple Choice Questions

1. Where do comets primarily originate within the solar system?
 - a) The asteroid belt
 - b) The Kuiper Belt and the Oort Cloud
 - c) The inner planets
 - d) The Milky Way galaxy

2. What are comets with elongated orbits referred to as?
 - a) Regulars
 - b) Irregulars
 - c) Short-period comets
 - d) Celestial wanderers

3. How often does Halley's Comet visit the inner solar system?
 - a) Every 10 years
 - b) Approximately every 76 years
 - c) Every 365 days
 - d) Every century

4. What factor influences the frequency of comets passing near Earth?
 - a) Their color
 - b) Their size
 - c) Their proximity to the Sun
 - d) Their orbital characteristics

5. How do astronomers predict the movements and appearances of comets?
 - a) By analyzing their shapes
 - b) By listening to radio signals from comets
 - c) By tracking their orbits and using advanced software
 - d) By launching spacecraft to follow comets

