

Name \_\_\_\_\_

## Unveiling the Cosmic Show: How Astronomers Predict the Appearance of Comets

### Short Answer

1. What factors can influence the brightness of a comet?
2. How do astronomers determine if a comet will come close enough to Earth for observation?
3. Why is it important for astronomers to keep records of known comets?
4. Can you name a famous comet that has been observed from Earth in recent history?
5. Explain the significance of detecting a new comet in our solar system.

