

Name \_\_\_\_\_

## Exploring the Mysteries of the Oort Cloud and Comets

### Short Answer

1. How did the Oort Cloud get its name, and who proposed its existence?
2. What are comets made of, and how do they change when they approach the Sun?
3. What two regions make up the Oort Cloud, and how do they differ in terms of comet behavior?
4. Why is studying comets important for scientists? What information can comets provide about the early solar system?
5. Describe the journey of a comet from the Oort Cloud to the inner solar system, including the changes it undergoes.

