

Name \_\_\_\_\_

## What Are The Different Types of Galaxies?

### Open-Ended Response Questions

1. Imagine you are an astronomer studying irregular galaxies. Describe the type of information you might seek to gather and why it is significant in expanding our knowledge of the universe.
2. Discuss the role of barred spiral galaxies in influencing the distribution of stars and gas within galaxies. How might this influence their evolution?
3. If you were to categorize the Milky Way, which type of galaxy would you classify it as, and why? Provide evidence for your classification.
4. Explain how dwarf galaxies can be considered the "stepping stones" of the cosmos, and why their study is crucial for our understanding of galaxy formation.

