

Name \_\_\_\_\_

## Journey to the Abyss: Exploring the Mysteries of the Ocean's Depths

### Short Answer

1. Describe the main functions of submersibles and ROVs in deep-sea exploration.
2. Explain how sonar technology helps researchers map the ocean floor and locate underwater features.
3. What role do oceanographic research ships play in deep-sea exploration, and why are they equipped with specialized tools and laboratories?
4. Explain why collecting samples from the ocean's depths is crucial for scientific research in the deep sea.
5. What makes the Mariana Trench unique, and why is it considered one of the most challenging areas to explore in the ocean?

