

Name \_\_\_\_\_

## The Abyss Below: Unveiling the Secrets of the Deepest Part of the Ocean

### Open-Ended Response Answer Key

1. Answers may vary but should include considerations of extreme pressure, cold temperatures, and the need for specialized equipment and training.
2. Answers may include the importance of understanding deep-sea ecosystems, discovering new species, and gaining insights into Earth's geology.
3. Examples of unique adaptations may include bioluminescence, pressure-resistant body structures, or specialized feeding mechanisms.
4. Answers may vary but could involve studying deep-sea biodiversity, geological processes, or the impacts of human activities on the trench's ecosystem.

