

Name _____

Tiny, Mighty Algae

Open-Ended Response Answer Key

1. Answers may vary but could include ponds, oceans, damp soil, tree bark, or inside other organisms.
2. Answers may vary but could include providing food and oxygen, supporting food chains, and contributing to the balance of ecosystems.
3. Lichens are formed when algae and fungi work together, with the algae providing food through photosynthesis and the fungi providing structure and protection.
4. Algae may benefit from living inside other organisms by receiving protection and nutrients, allowing them to thrive in different environments.

