

Name _____

Unraveling the Mysteries of Nitrification and Denitrification

Short Answer

1. Describe the process of nitrification and its significance in soil ecosystems.
2. Name two types of bacteria involved in denitrification and explain their role in the process.
3. How does denitrification help regulate the nitrogen cycle in aquatic environments?
4. Discuss the environmental consequences of excess nitrate accumulation in water bodies.
5. Explain why nitrification is considered an aerobic process while denitrification is anaerobic.

