

Name \_\_\_\_\_

## Decomposition: Nature's Recycling Magic

### Short Answer

1. Describe the role of detritivores and decomposers in the decomposition process.
2. What nutrients are released into the soil during decomposition, and why are they important?
3. How can carbon from decomposed organic matter become part of a carbon sink?
4. Explain why decomposition helps balance the carbon cycle.
5. Why are bacteria and fungi essential for decomposition, and what would happen without them?

