### The Nitrogen Cycle (p. 1229)

1. On the diagram, label the processes of nitrification, denitrification, ammonification, and nitrogen fixation. Also label ammonium, atmospheric nitrogen and decomposition.
2. According to the diagram, there are 3 nitrogen-containing compounds that plants can use. What are they?
3. What is the only way in which animals can take in usable nitrogen? What do we use nitrogen for?
4. Describe the role of bacteria in the nitrogen cycle. Give at least 4 examples.

