The Nitrogen Cycle

Name: _____

1. What plants fix nitrogen? Give 2 examples

2. What % of our atmosphere is nitrogen?

3. Write the chemical formula for:

   a. Nitrogen gas _____
   b. Nitrate _____
   c. Nitrite _____
   d. Ammonia _____

4. What type of animal and plant cell contains a lot of nitrogen?

5. How does a sheep get its nitrogen?

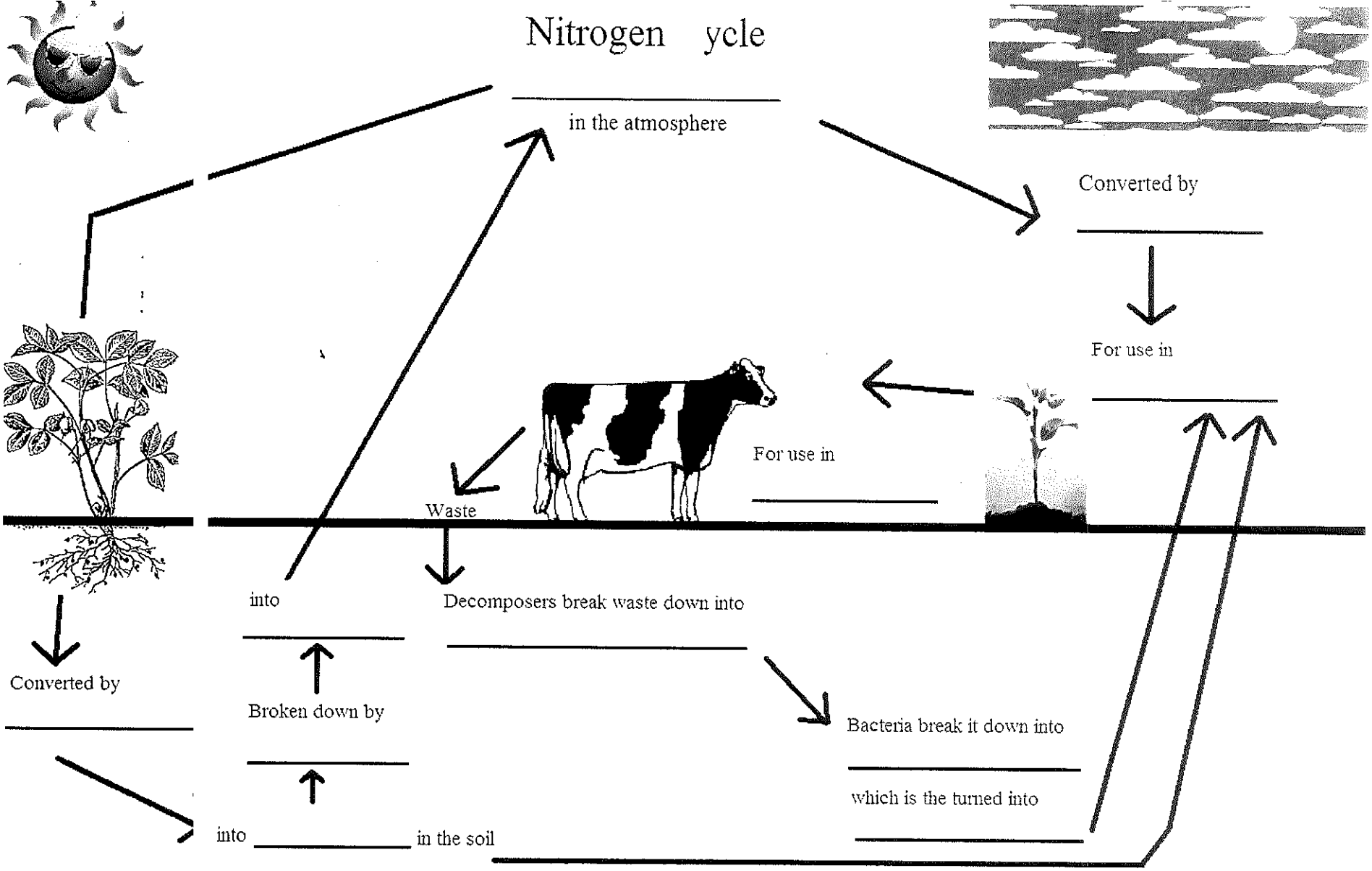
6. What are the chemical steps involved in changing animal waste into useable nitrogen compounds?

7. Define:
   a. Nitrogen Fixation:

   b. Denitrification:

8. What are 3 ways that farmers can keep nitrate in their soil?

Nitrogen ycle



Fill in the bla ks using the following words:

1. N_2 (Ni ogen Gas)
2. Nitrate (NO_3)
3. Nitrify ıg Bacteria
4. Denitri ying Bacteria
5. Nitrite (NO_2)
6. Ammonia (NH_3)
7. Plants
8. Animal Protein
9. Lightning
10. Nitrate (NO_3)
11. N_2 (Nitrogen Gas)