

## Worksheet

1. Where is most of the nitrogen on Earth located? atmosphere
2. What two processes are responsible for converting nitrogen into useable forms? nitrogen fixation, nitrification
3. How do animals obtain usable nitrogen? by eating
4. What is denitrification? changing nitrates back into nitrogen gas
5. Livestock farming creates large amounts of animal waste. How would this affect the nitrogen cycle? animal waste adds nitrogen to soil
6. What would happen if a farmer used too much fertilizer? What adverse affects can this have on the environment? Be specific!
  - soil becomes acidic due to extra nitrogen
  - nitrogen enters water and creates algal bloom
7. How can burning fossil fuels affect the nitrogen cycle?  
burning fossil fuels adds extra nitrogen to the air which contributes to acid rain