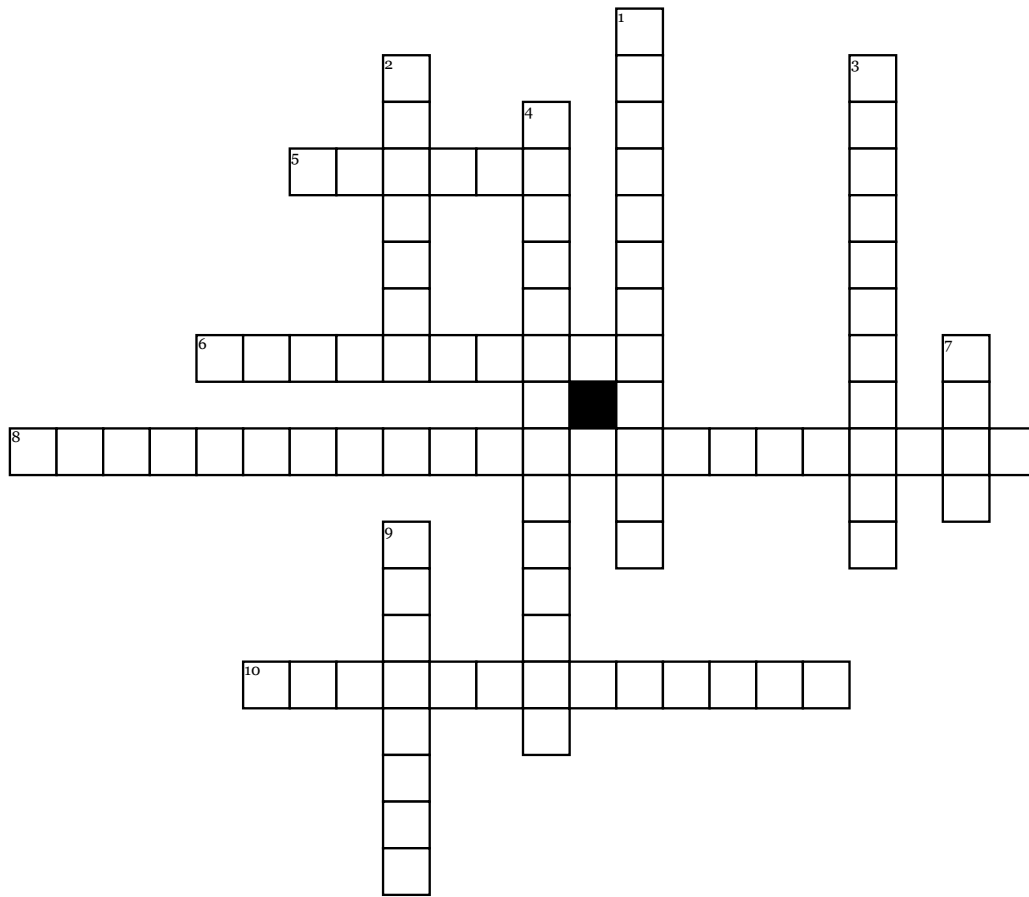


Name: _____ Date: _____ Period: _____

The Nitrogen Cycle



Across

5. What does bacteria use to produce nitrogen-containing compounds such as nitrates?
6. In the nitrogen cycle, nitrogen moves between living things and the _____.
8. The only organisms that can fix atmospheric nitrogen into chemical compounds.
10. A process in which nitrogen is cycled between the atmosphere, bacteria, and other organisms.

Down

1. Nitrogen makes up _____ percent of the gases in the atmosphere.

2. What type of plant does nitrogen-fixing bacteria live on?

3. _____ breaks down wastes and return the nitrogen that these wastes contain to the soil.
4. When animals eat plants or other animals to get nitrogen, that is an example of _____.
7. Where do plants that do not have nitrogen-fixing bacteria in their roots get their nitrogen from?
9. All organisms need _____ to build proteins.

Word Bank

Decomposers
usable nitrogen
Nitrogen cycle
Legumes

seventy eight
Atmosphere
sugars

Nitrogen-fixing bacteria
Soil
Nitrogen