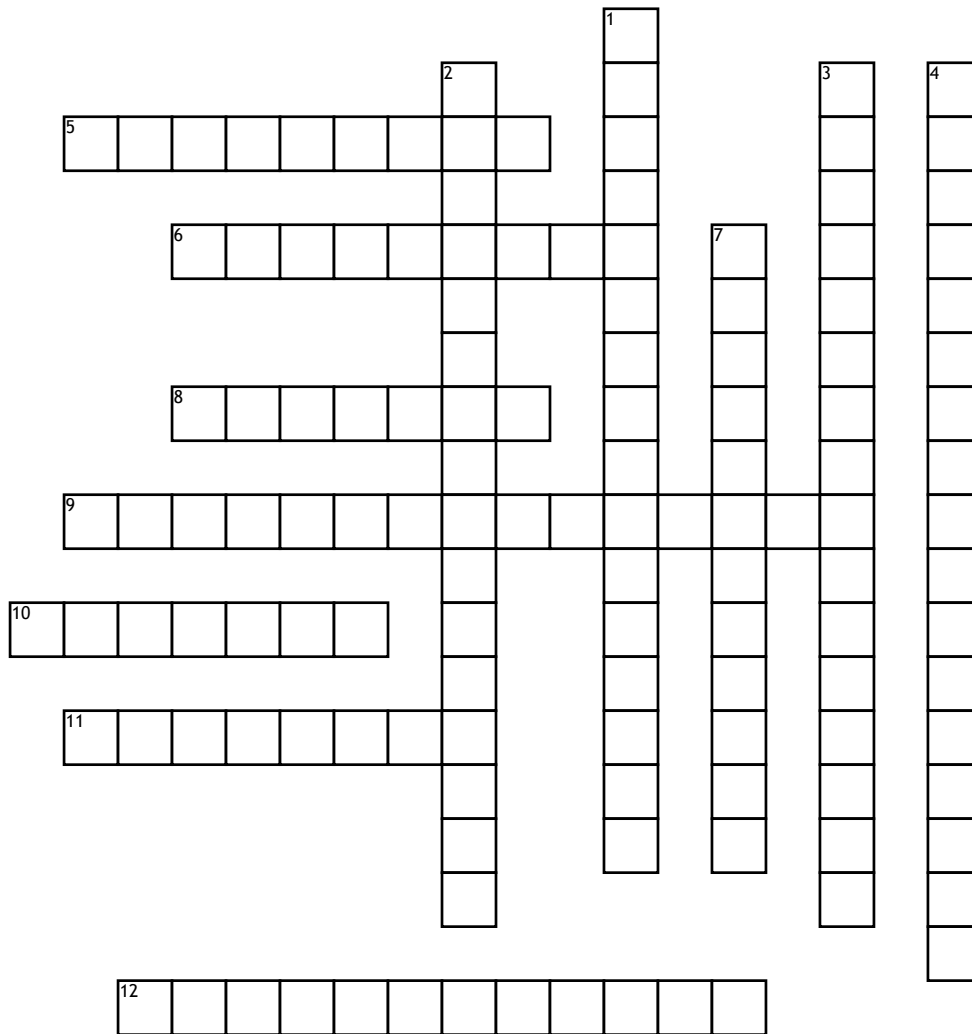


Name: _____ Date: _____ Period: _____

Vocab 7



Across

5. A series of organisms in which energy is transferred from one organism to another.

6. Organisms that can capture energy from nonliving sources and convert it into forms living cells can use

8. Network of feeding interactions, through which both energy and matter move

9. Some bacteria obtain energy by converting nitrates into nitrogen gas, Which is released into the atmosphere

10. The total amount of living tissue within a given trophic level

11. Elements that an organism needs to sustain life

12. Must retrieve energy from other organisms, Usually by eating them (also can be call consumers)

Down

1. Matters flows from on trophic level to another, and elements are recycled within and amkng ecosystems

2. Among living organisms , Only certain types of bacteria can convert nitrogen gas into ammonia

3. Any nutrient whose supply limits productivity

4. Models that show the relative amount of energy or matter contained within each trophic level in a food chain or food web

7. Each step in a food chain or food web

Word Bank

Ecological pyramid

Heterotrophs

Autotroph

Biochemical cycle

Nutrient

Denitrification

Nitrogen fixation

Biomass

Trophic Level

Food web

Food chain

Limiting Nutrient