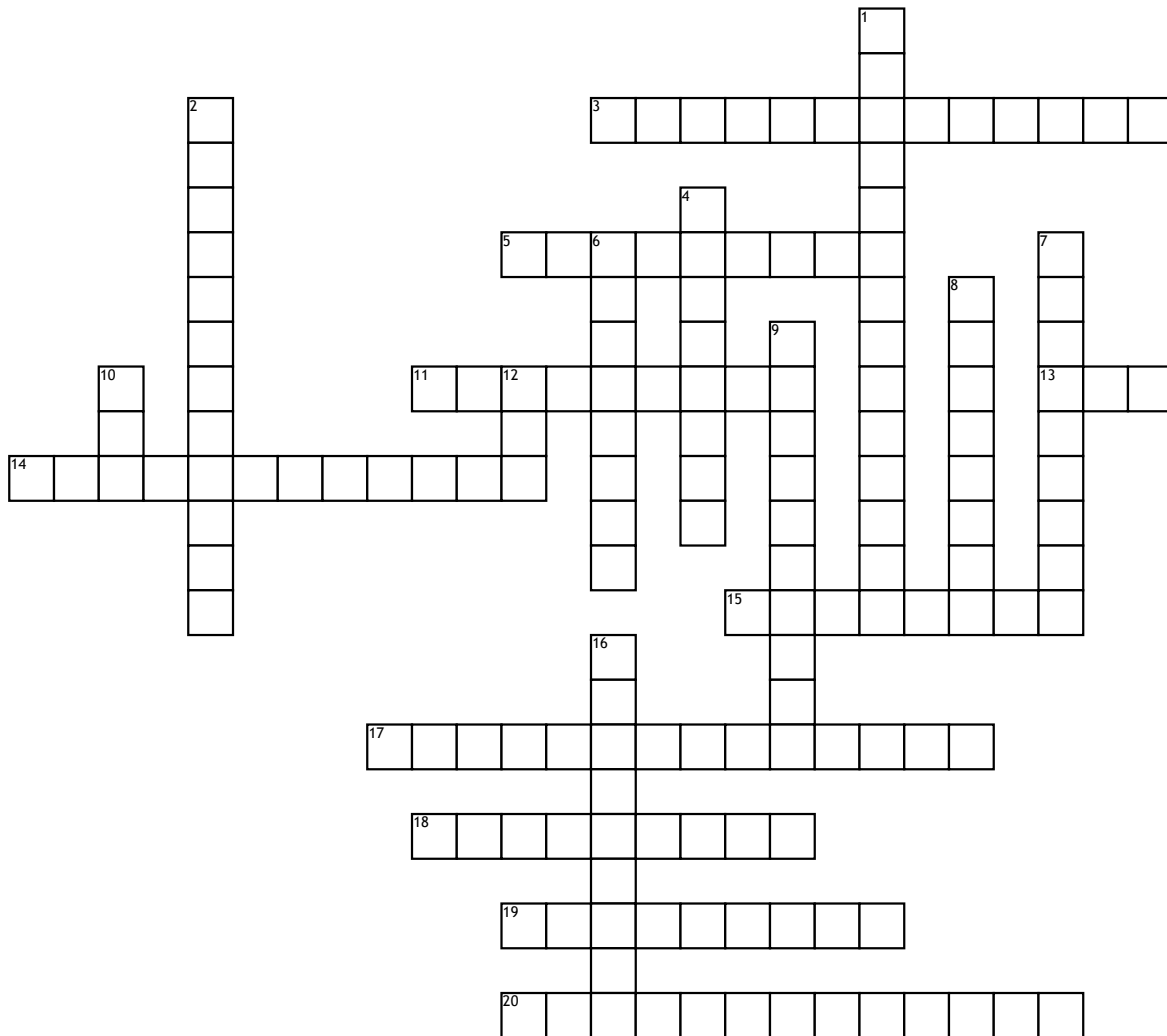


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Energy Flow



## Across

3. small producer typically gets eaten by rats  
 5. Also called autotrophs Get energy from nonliving sources Most capture energy during photosynthesis to make simple sugars  
 11. only eats plants  
 13. Where does all energy come from?  
 14. carnivore  
 15. the interconnected feeding relationships in an ecosystem  
 17. represents the number of organisms at each trophic level; since energy decreases as you go up the pyramid, fewer organisms can be supported

18. eats plants and meat

19. A series of steps in which organisms transfer energy by eating and being eaten

20. represents the energy available at each trophic level; levels ALWAYS get smaller as you go up the pyramid

## Down

1. represents the total mass of living organic matter at each trophic level

2. the levels of nourishment in a food chain

4. Each level of a food chain receives 10% of the energy from the level below it

6. eats plants and meats

7. Also called heterotrophs Get energy from living or once-living organisms

8. eats both meat and plants

9. Breaks down dead organic material

10. A predator animal that can turn there head 360 degrees

12. a mammal animal that typically gets eaten by the answer to number 16

16. only eats plants