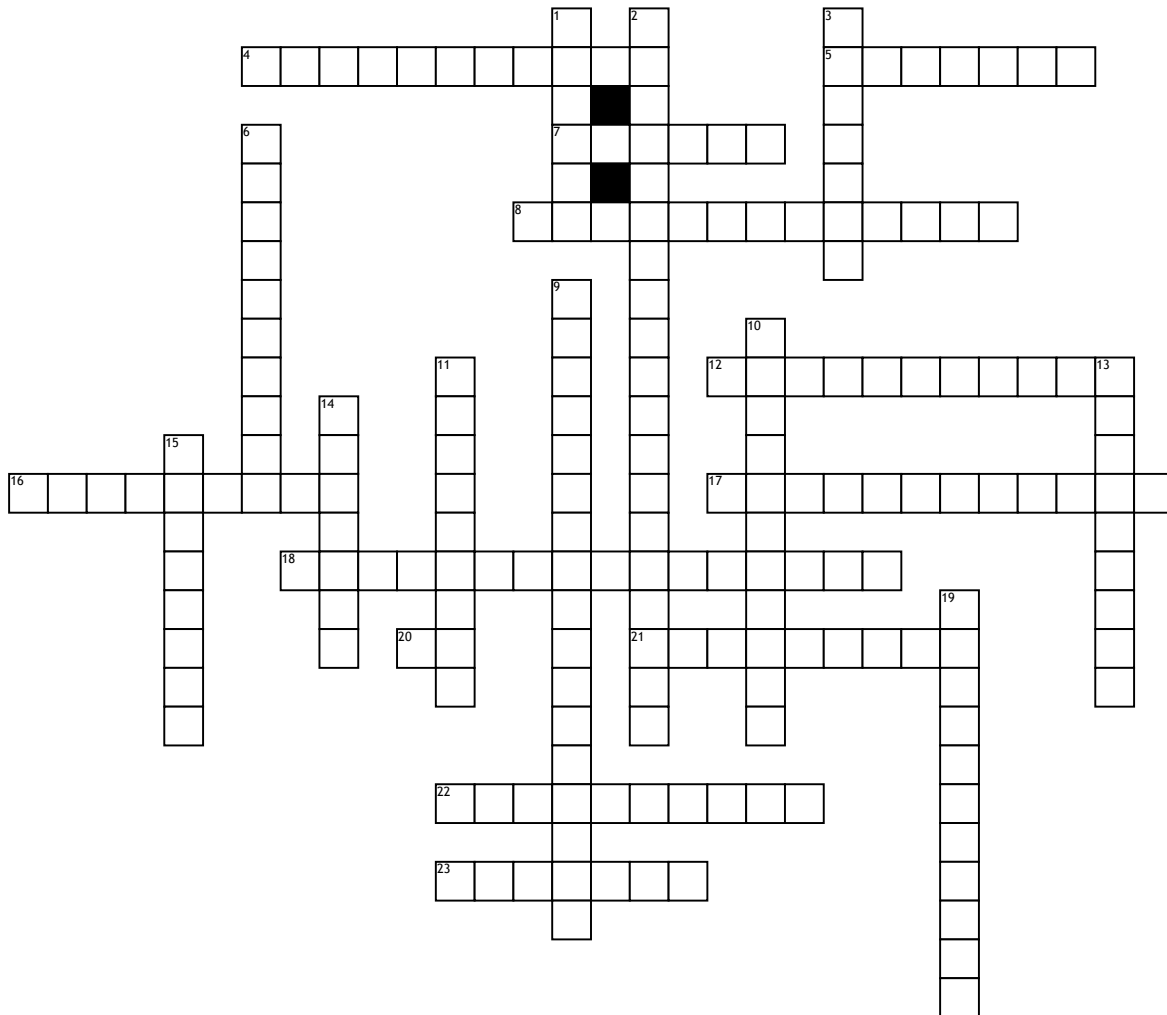


# Biology Fall Final Exam Review



## Across

4. orderly, direct information gathering about a natural phenomenon  
 5. the study of life  
 7. explanation of natural phenomenon supported by many observations of experiments  
 8. describes a relationship under certain conditions in nature  
 12. symbiotic relationship in which one organism benefits and the other is neither helped or harmed  
 16. assumption based on prior experience  
 17. in an experiment, the group not receiving the factor being tested  
 18. a process in which nitrogen gas is captured and converted into a form plants can use  
 20. the standard unit of measurement system, Systems International

21. the relatively thin layer of the Earth and its atmosphere that supports life  
 22. symbiotic relationship in which one organism benefits at the expense of another organism  
 23. scientific study of all the relationships between organisms and their environment

## Down

1. living factors in an organisms environment  
 2. the one factor that can be changed in a controlled experiment; is the factor tested and controls the out come of the experiment  
 3. nonliving factors in an organisms' environment  
 6. inherited characteristic of a species that develops over time in response to an environmental factor, enabling the species to survive

9. factor being measured in a controlled experiment; its value changes because of changes to the independent variable  
 10. regulation of an organisms internal environment to maintain conditions needed for life  
 11. close mutualistic, parasitic, or commensal association between two or more species that live together  
 13. symbiotic relationship in which both organisms benefit  
 14. a group of organisms that can interbreed and produce fertile offspring  
 15. anything that has all the characteristics of life  
 19. heterotroph that decomposes organic material and returns the nutrients to the soil, air, and water, making nutrients available to other organisms