

## Biodiversity Review Worksheet



Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Matching: Choose the best word for each definition.

- |   |                                 |
|---|---------------------------------|
| _____1. A way to test a hypothesis                                    | A. Monoculture                  |
| _____2. How something looks   | B. Biodiversity                 |
| _____3. An educated guess   | C. Diversity index              |
| _____4. Growing one species in an area                                | D. Esthetic                     |
| _____5. All the variety of species in an ecosystem                    | E. Environmental sustainability |
| _____6. Information collected during an experiment                    | F. Risk assessment              |
| _____7. The ability of an ecosystem to sustain life under stress      | G. Cost benefit analysis        |
| _____8. A set of steps used to solve a problem                        | H. Scientific method            |
| _____9. A score given to an ecosystem that represents its diversity   | I. Hypothesis                   |
| _____10. Restating hypothesis and explaining results of an experiment | J. Data                         |
| _____11. Determining how much money is worth spending on the problem  | K. Experiment                   |
| _____12. Evaluating possible solutions with their risks               | L. Conclusion                   |

Completion: Answer the following questions.

1. What are the necessary parts of a graph? \_\_\_\_\_  
\_\_\_\_\_
2. What is the difference between the independent variable and the dependent variable? \_\_\_\_\_  
\_\_\_\_\_
3. Why does disease spread so easily in a monoculture? \_\_\_\_\_
4. List the 5 steps to solving an environmental problem. \_\_\_\_\_  
\_\_\_\_\_
5. Why is educating the public an important step in solving environmental problems? \_\_\_\_\_  
\_\_\_\_\_
6. Why is biodiversity important? \_\_\_\_\_  
\_\_\_\_\_