

## Maintaining Biodiversity



Name:

Date:

Class:

**1. Match each term in Column A to its description in Column B. Write the number of the correct description on the line.**

| Column A | Column B   |
|----------|--|
| _____    | a. pollution<br>1. happens when there are changes in climate patterns over a long period of time   |
| _____    | b. invasive species<br>2. replacing trees that were lost in an ecosystem   |
| _____    | c. habitat destruction<br>3. a species that is moved to a place where it does not normally live and where it outcompetes other living things for resources |
| _____    | d. overexploitation<br>4. happens when humans put contaminants into ecosystems   |
| _____    | e. climate change<br>5. the process of restoring land that was used for mining   |
| _____    | f. reclamation<br>6. happens when humans take too many plants or animals from an ecosystem   |
| _____    | g. reforestation<br>7. happens when humans change an organism's habitat to the point that the organism can no longer live there                            |



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**2. Controlling invasive species is important for protecting biodiversity in ecosystems. Each of these pictures shows a different type of invasive species control. Drag the labels to the correct images.**

chemical control

mechanical control

biological control





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The main cause of climate change on Earth is increased greenhouse gases in the Earth's atmosphere. Greenhouse gases are made from burning fossil fuels for energy.

**Look at the picture.  
Which of the following describes how humans can reduce the effects of climate change on biodiversity?**



**Record your answer(s) here:** \_\_\_\_\_

- a. using sources of energy that do not create greenhouse gases like solar or wind energy
- b. setting traps to remove invasive animals from an ecosystem
- c. decreasing the amount of fossil fuels used by walking or using public transportation
- d. recycling to decrease the amount of fuel needed for making new products
- e. cleaning up pollution in rivers and oceans
- f. limiting the number of fish people are allowed to catch in a river or lake