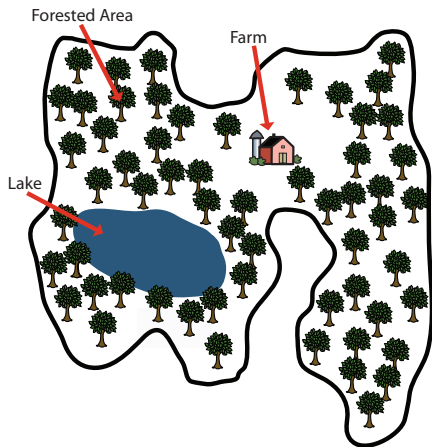
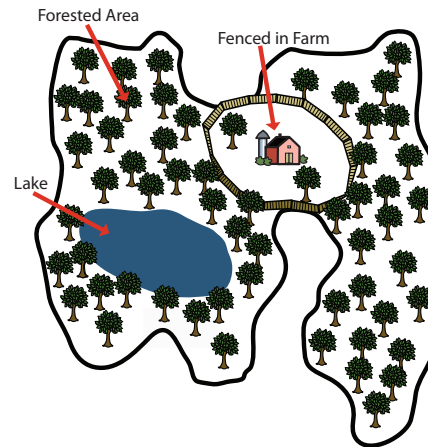


Full Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

Use the illustration and paragraph below to answer the following questions.



Farm in Upstate New York



Farm in Upstate New York with a new fence

The forested mountains of upstate New York are filled with sugar maples, oaks, and yellow birch trees. They are also home to predators like bobcats. These animals live alone and wander over large areas to search for food and to mate and breed with other bobcats. Recently, a dairy farmer who lives in the area and who supplies milk to New York City residents decided to build a fence around his farm in order to prevent his grazing cows from wandering off. The farmer is happy with these changes because they allowed him to increase milk production.

- a) How is the upstate habitat being changed?
  
- b) Explain how building a fence on the farm can affect the bobcat population.
  
- c) What data would scientists collect to support the claim that the fence is harming the bobcat population?
  
- d) Describe one other example (other than cutting down trees) where changes people have made to habitats have unexpectedly harmed wildlife populations. Make sure you include in your answer the change to the habitat and how that change harms wildlife populations.