

Ecology Case Study 1.1

Name: _____

Due Date: _____

1. Read Case Study 1.1.
2. Answer all the questions from (a) to (n). Make sure to copy the question before writing the answer.
3. Draw a forest web with at least 12 organisms.
 - a) Identify an organism in your web that could be considered a pest.
 - b) In what ways would this web be affected if the pest was removed?
4. What do we know today about using arsenic, lead, or mercury as pesticides?
5. Why do so many pesticides stay in the food chain?
6. The ideal pesticide has four characteristics. It should
 - Kill only the intended pest
 - Disappear into something harmless after it works on the pest
 - Not create a stock of resistant pests
 - Be cheap to produce and use

Explain why each characteristic is important. What would happen if the pesticide fails the test?

Staple this sheet on top of your answers