Year 10 Science: Decomposers, nutrient run-off and protecting waterways

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. Name two kinds of microorganism that decompose dead material.

2. Why would plants in a forest eventually stop growing if all decomposers disappeared?

3. Explain why a lake can run out of oxygen after an algal bloom.

4. A farmer plants flax and native shrubs along a stream on her farm. Give two ways this helps the stream.

5. A survey finds many mayfly larvae at one site and almost none at another. What does this suggest about the two sites?

Fix the mistake

6. Correct this statement: "Worms are the main decomposers."

7. Correct this statement: "In eutrophication the algae use up all the oxygen in the lake."

8. Correct this statement: "Fertiliser run-off kills fish because it is poisonous."

9. Correct this statement: "Forests stop rain water from reaching rivers."