Year 8 Science: Producers, consumers, decomposers and how organisms interact

Name: _____ Date: _____

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

Practice

1. In the chain kawakawa → looper caterpillar → tauhou (silvereye), which organism is the producer?

2. Name the role of the fungi growing on a fallen log.

3. A tapeworm lives in a dog's gut and takes its food. What type of relationship is this?

4. In Room 15's transect, at what distance was marram grass cover highest?

5. Why does an ecosystem need a constant supply of energy from the Sun but not a constant supply of new nutrients?

Fix the mistake

6. Correct this statement: "In a food chain the arrow means 'eats', so it points from the ruru to the wētā."

7. Correct this statement: "Decomposers are not important because they only deal with dead things."

8. Correct this statement: "Energy is recycled round an ecosystem like nutrients are."

9. Correct this statement: "Any relationship where two animals live together is mutualism."