Year 11 Science: Bacteria, fungi and viruses: how microorganisms live

Name: _____ Date: _____

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

Practice

1. Give two differences in structure between a bacterium and a yeast cell.

2. A bacterium divides every 30 minutes. Starting from one cell, how many cells are there after 4 hours?

3. Write the word equation for anaerobic respiration in yeast, and say which product makes bread rise.

4. Explain why a virus is described as not fully living.

5. Explain why dried apricots keep for months but fresh apricots go mouldy within a week or two.

Fix the mistake

6. Correct this statement: "Viruses are just very small bacteria."

7. Correct this statement: "Fungi take in their food and digest it inside, like animals do."

8. Correct this statement: "At high temperatures the enzymes die."

9. Correct this statement: "Yeast only makes carbon dioxide when it ferments."