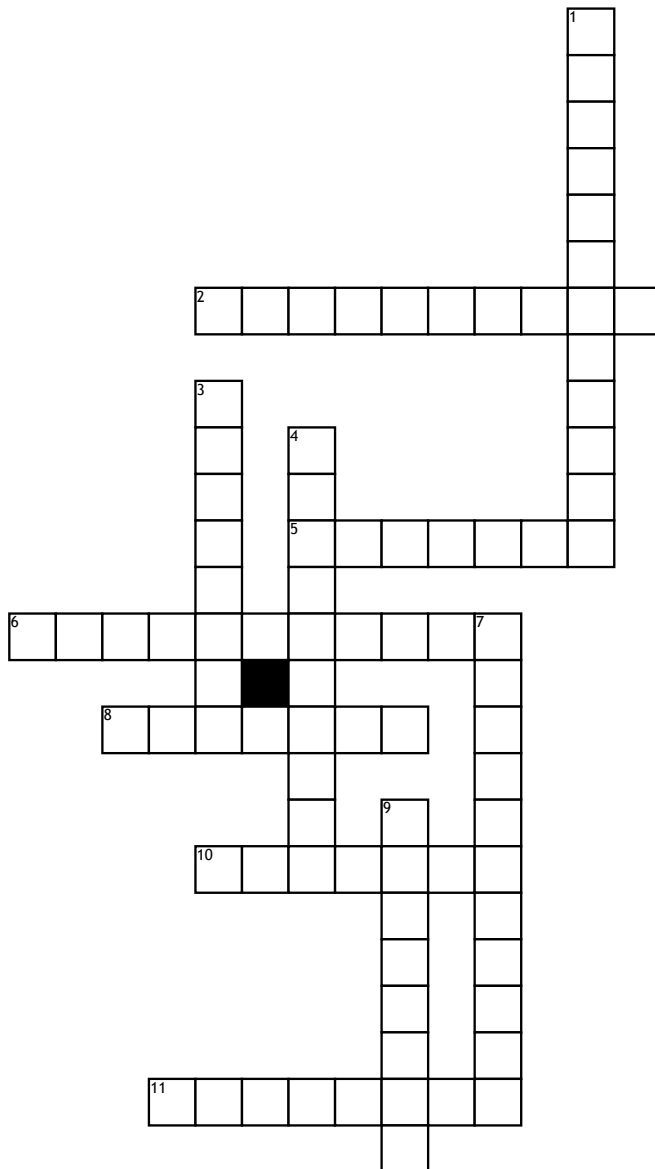


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter One



## Across

2. Cells can only arise from pre-existing cells
5. Gene \_\_\_\_; inserting a missing gene or replacing a defective gene
6. Chemicals that are naturally produced by bacteria and fungi; act against other microorganisms
8. Swan-neck experiments; debunked spontaneous generation

10. Prokaryotic cells that lack peptidoglycan; none are known to cause disease

11. The study of an organisms' genes

## Down

1. the study of bacteria
3. Living things that are too small to be seen with the naked eye
4. Disease-causing microorganisms
7. \_\_\_\_ Generation
9. Unicellular organisms; cell walls contain peptidoglycan