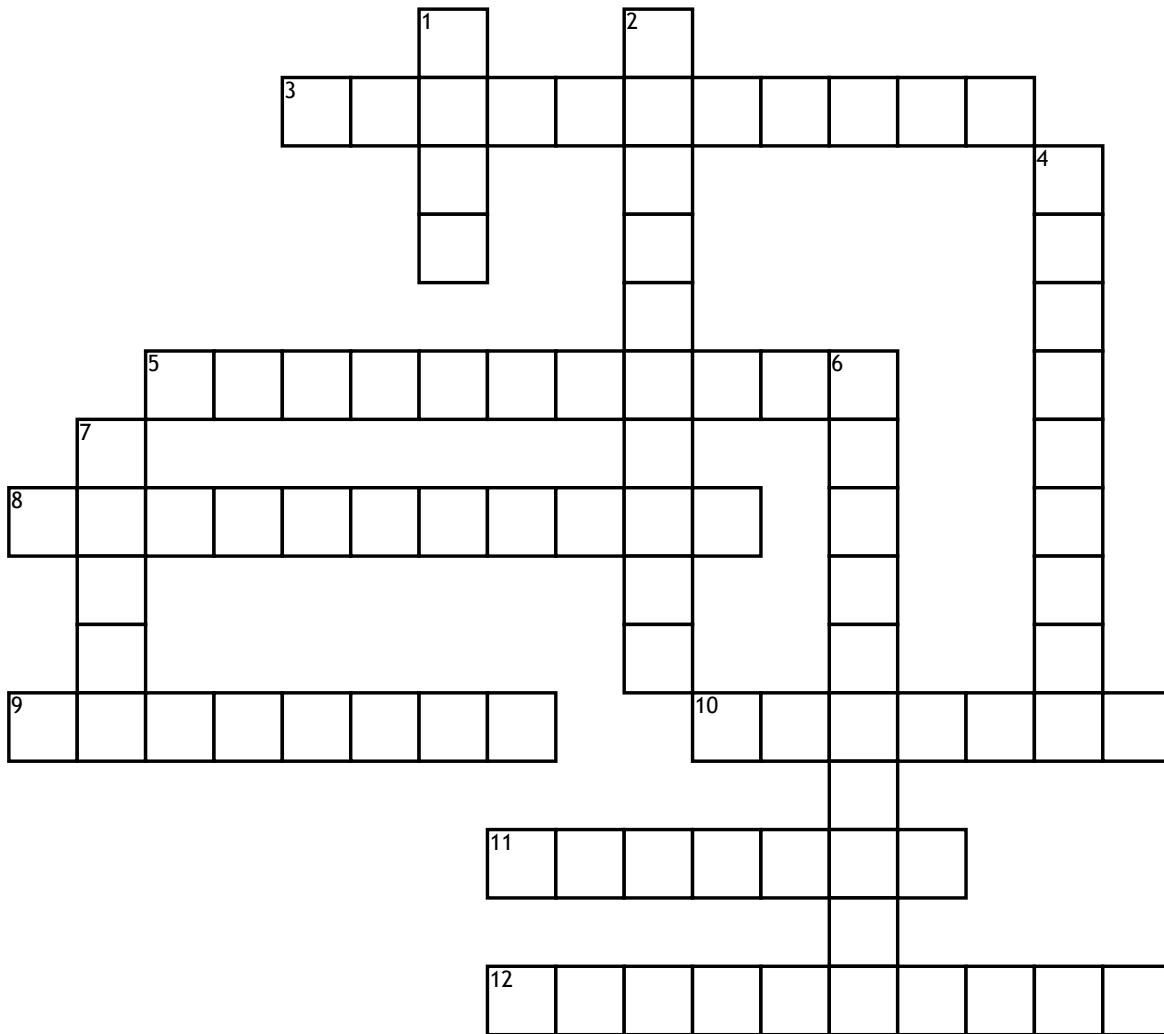


# Cell Theory



## Across

3. improved the microscope; first person to see live cells  
 5. cells that do not contain a nucleus  
 8. keeps conditions within the organism within tolerable limits (balanced)  
 9. perceiving and responding to changes in the environment

10. concluded all animals are made of cells

11. determined that all cells come from pre-existing cells

12. cells that contain a nucleus

## Down

1. smallest structural and functional unit of an organism

2. chemical reactions within the cell

4. concluded all plants are made of cells

6. comprised of 3 parts: all living things are made of cells; cells are the basic unit of life; all cells come from pre-existing cells

7. gave us the term cell; observed cork cells