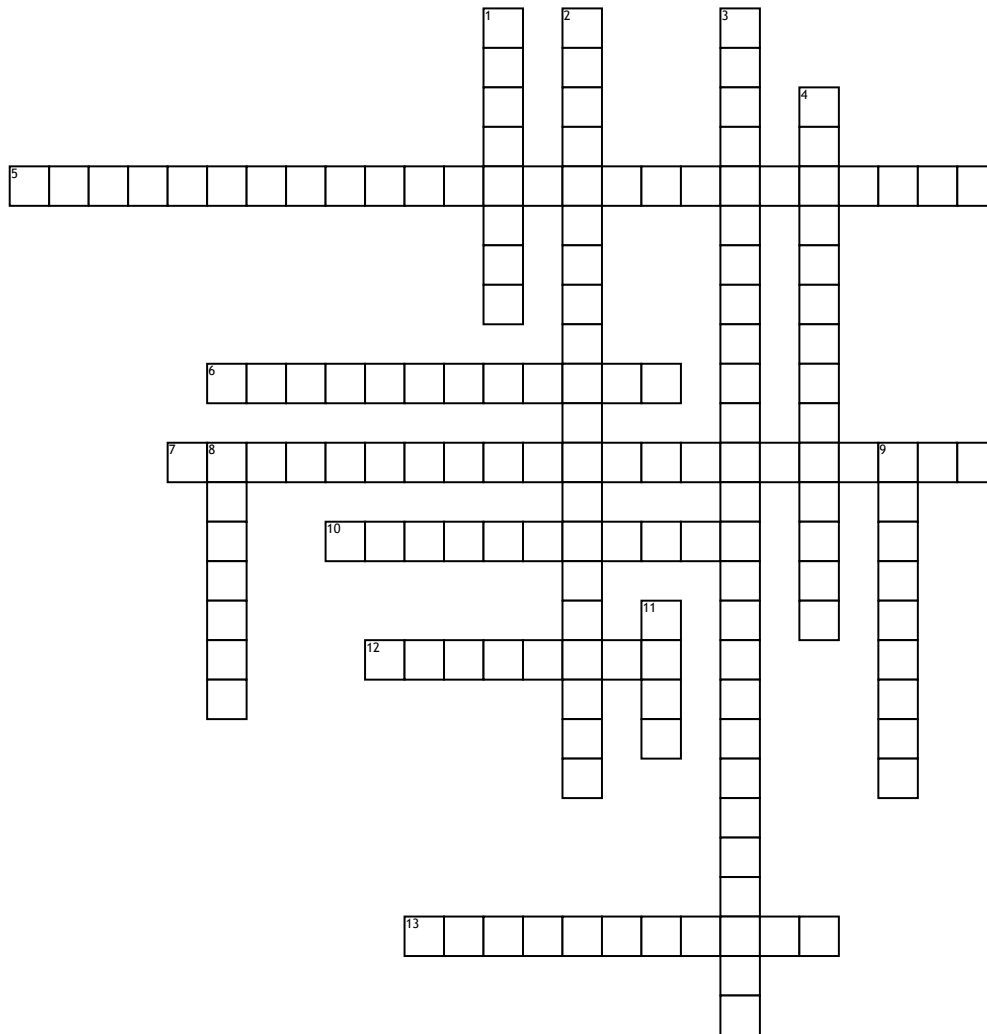


Name: \_\_\_\_\_

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

# Cell Structure



## Across

5. Composed of ribosome studded regions  
 6. Known as the powerhouse of the cell  
 7. Strong polymers of fibrous polypeptides that resist stretch and play a structural function  
 10. Contains one or more enzymes that can oxidize various organic substances

12. Filled with enzymes that breakdown dead cell parts  
 13. Highway for all organelles, secretory, vesicles, to move on  
**Down**  
 1. Consists of rRNA and protein molecules that make up two subunits  
 2. To package the proteins  
 3. Composed of ribosome free regions

4. Involved in the plasma membrane contractions/movements  
 8. The brain of the cell  
 9. Small round structure located inside the nucleus  
 11. Basic structural and functional unit of all living things

## Word Bank

Rough endoplasmic reticulum  
 Golgi apparatus (body)  
 Smooth endoplasmic reticulum  
 Mitochondria  
 Intermediate filaments

Ribosome  
 Microfilaments  
 Peroxisomes  
 Lysosome

Microtubules  
 Cell  
 Nucleus  
 Nucleolus