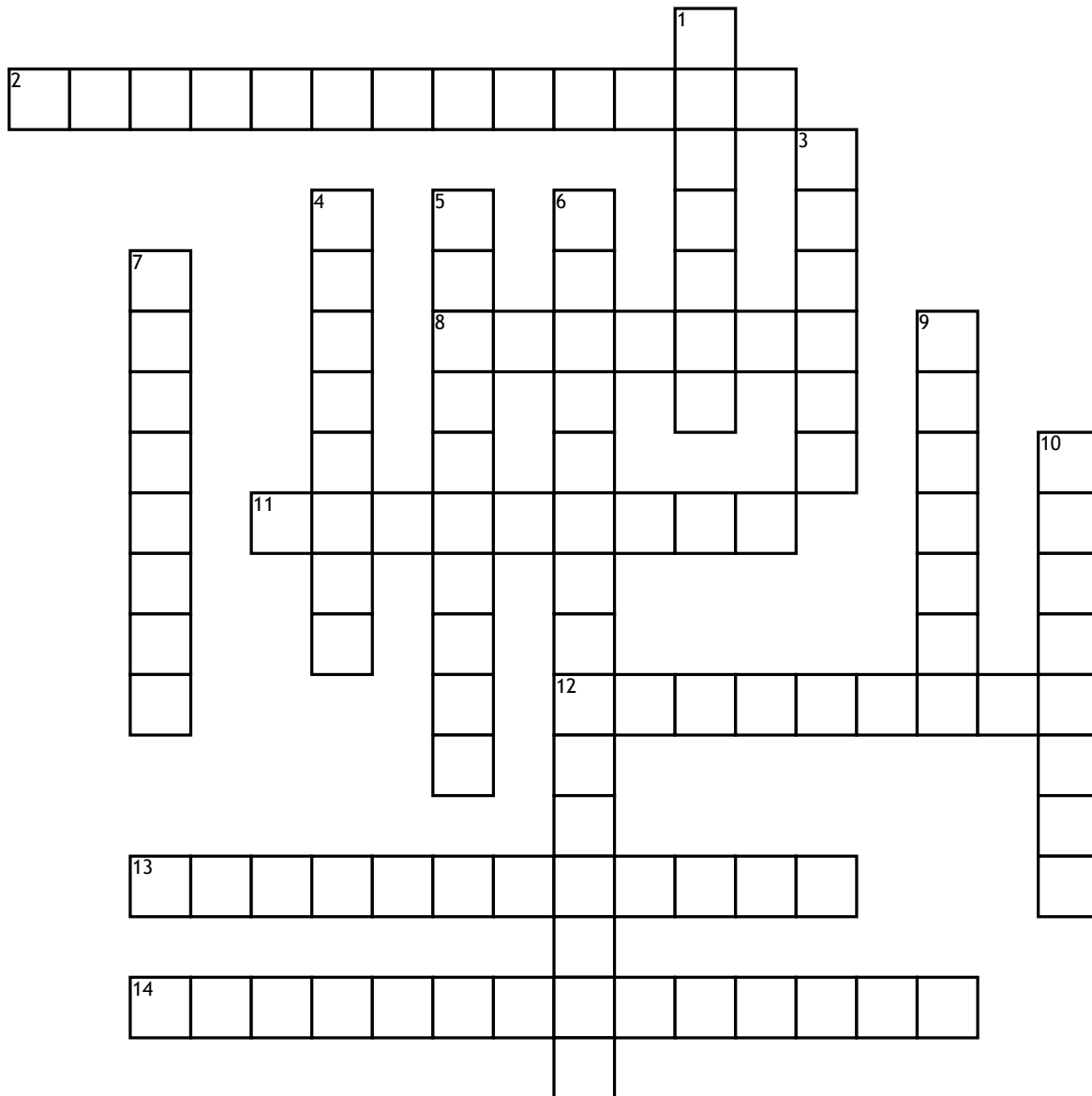


Name: \_\_\_\_\_

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

# parts of a cell



## Across

2. site of atp synthesis  
 8. area where most of the genetic material is organized and expressed  
 11. complex of protein and DNA  
 12. site for ribosome subunit assembly  
 13. protein filaments that provide shape and aid in movement

14. site of modification, sorting, and secretion of lipids and proteins

## Down

1. site of protein sorting and secretion  
 3. \_\_\_\_\_ membrane controls movement of substances into and out of the cell  
 4. site of detoxification and lipid synthesis

5. site where microtubules grow and centrioles are found  
 6. double membrane that encloses the nucleus  
 7. site where macromolecules are degraded  
 9. the site of many metabolic pathways  
 10. site of polypeptide synthesis