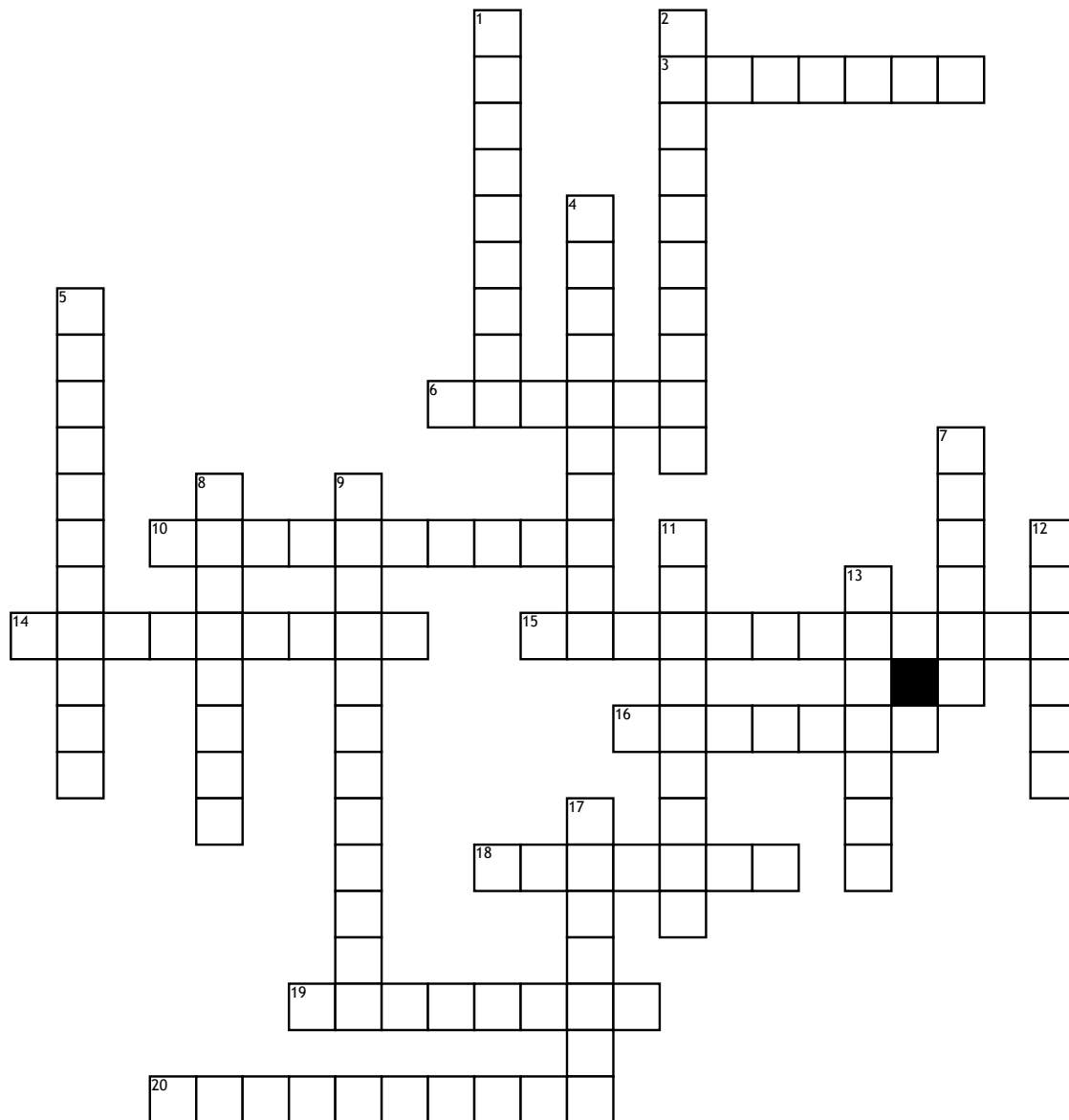


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Unit 4 performance assessment



## Across

3. one set  
6. there are 4 chromatids in this  
10. in between period of growth  
14. second stage in mitosis  
15. process by which a cell divides into two new daughter cells  
16. fanlike microtubule structure  
18. process by which number of chromosomes is cut in half in a diploid cell

19. longest phase of mitosis  
20. each 4 chromosomes that came from male has a corresponding one from female

## Down

1. series of events that cells go through as they grow and divide  
2. each chromosome contains two of these  
4. located near the middle of the chromatids  
5. division of the cytoplasm  
7. protein that helps regulate the timing of the cell cycle

8. third stage in mitosis  
9. exchanging of portions of chromatids  
11. last stage in mitosis  
12. disorder that causes body cells to keep growing without stopping  
13. two sets  
17. division of the cell nucleus