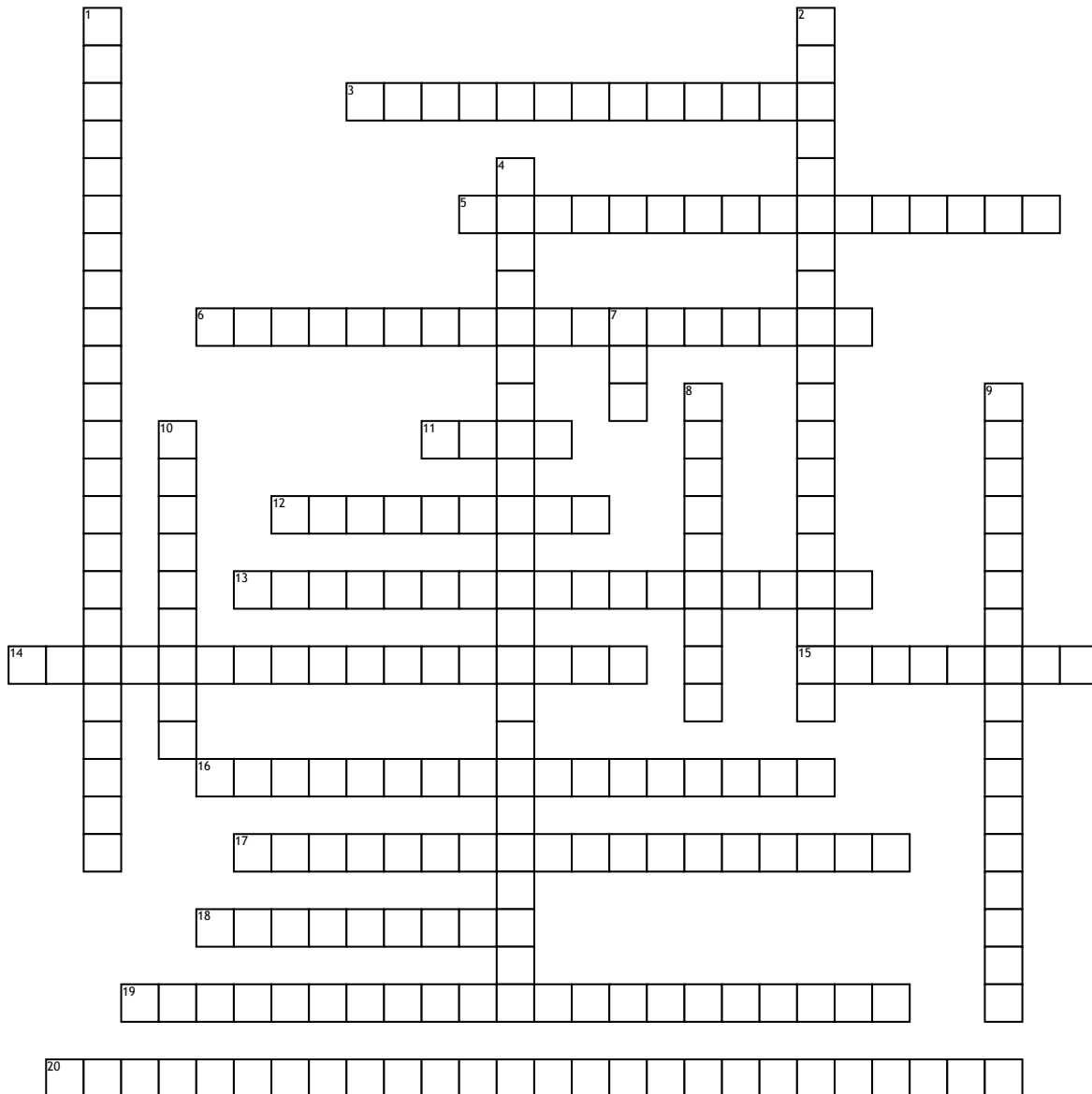


Name: \_\_\_\_\_

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

# lymphatic system disorders



## Across

3. thyroid gland produces excessive amounts of thyroxine  
 5. impairs communication between nerves and skeletal muscle  
 6. impairment of the kidney function  
 11. due to interference with the helper T cell activity  
 12. tissue graft coming from another species  
 13. the destruction of white matter of the brain and spine  
 14. when the immune system creates a disorder

15. tissue graft donated by a genetically identical person  
 16. reactions to things such as metals, poison ivy, and animals  
 17. immune response that binds penicillin to blood proteins  
 18. tissue graft taken from a non-genetically identical person  
 19. when IgE binds to mast cells  
 20. systemic disease that affects the kidneys, heart, lungs, and skin

## Down

1. mediated by helper T cells, cytotoxic T cells, and macrophages

2. systemic destruction of joints  
 4. destroys pancreatic beta cells  
 7. mixture of dead or dying neutrophils, broken down tissue cells, and dead and living pathogens  
 8. tissue graft transplanted from one site to another in the same person  
 9. systemic allergic response  
 10. another word for hypersensitivity