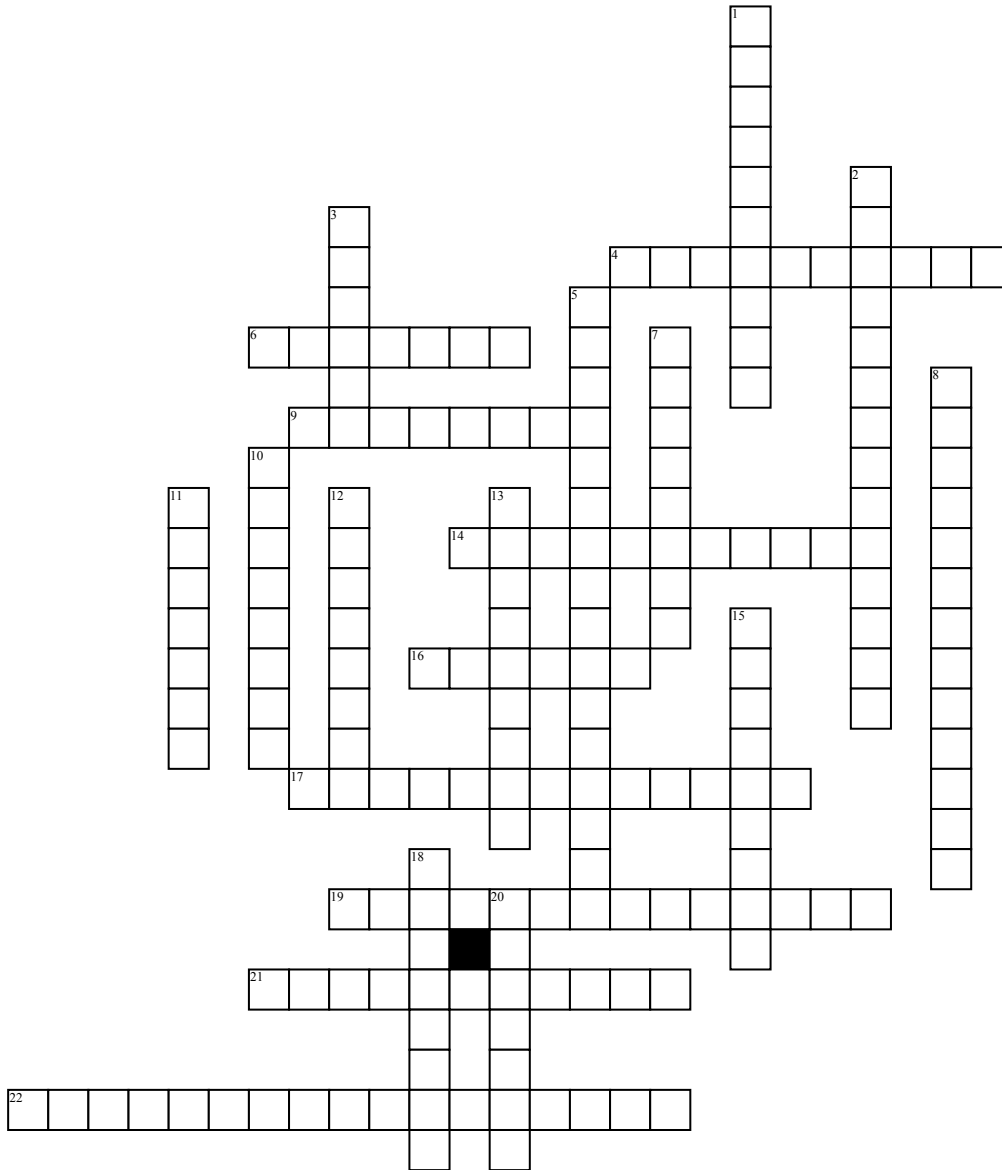


Name: \_\_\_\_\_

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

# Integumentary System



## Across

4. subcutaneous layer deep to skin  
 6. pigment only made in skin that is yellow to reddish brown  
 9. redness skin color that means fever  
 14. strong connective tissue that contains nerve fibers blood and lymphatic vessels  
 16. underlies epidermis  
 17. produces fibrous protein Keratin and is tightly connected by desmosomes  
 19. this layer is only in thick skin and has few rows of dead keratinocytes

21. produces pigment melanin and protects apical surface from UV damage

22. in this layer color changes, cells accumulate lamellar granules and cells above this layer die

## Down

1. reddish pigment  
 2. has 20-30 rows of dead keratinized membranes and its function is to protect our skin from the outside  
 3. blanching skin color that means anemia or low blood pressure  
 5. several layer thick and contain web like systems of prekeratin

7. blue skin color that means low oxygenation of hemoglobin

8. deepest epidermal slyer attached to dermis that produces 2 daughter cells

10. yellowing of skin that means liver disorder

11. clotted blood under the skin

12. pigment from yellow to orange

13. have macrophages that are key activators for immune system

15. superficial region of skin

18. inadequate steroid hormones

20. sensory touch receptors