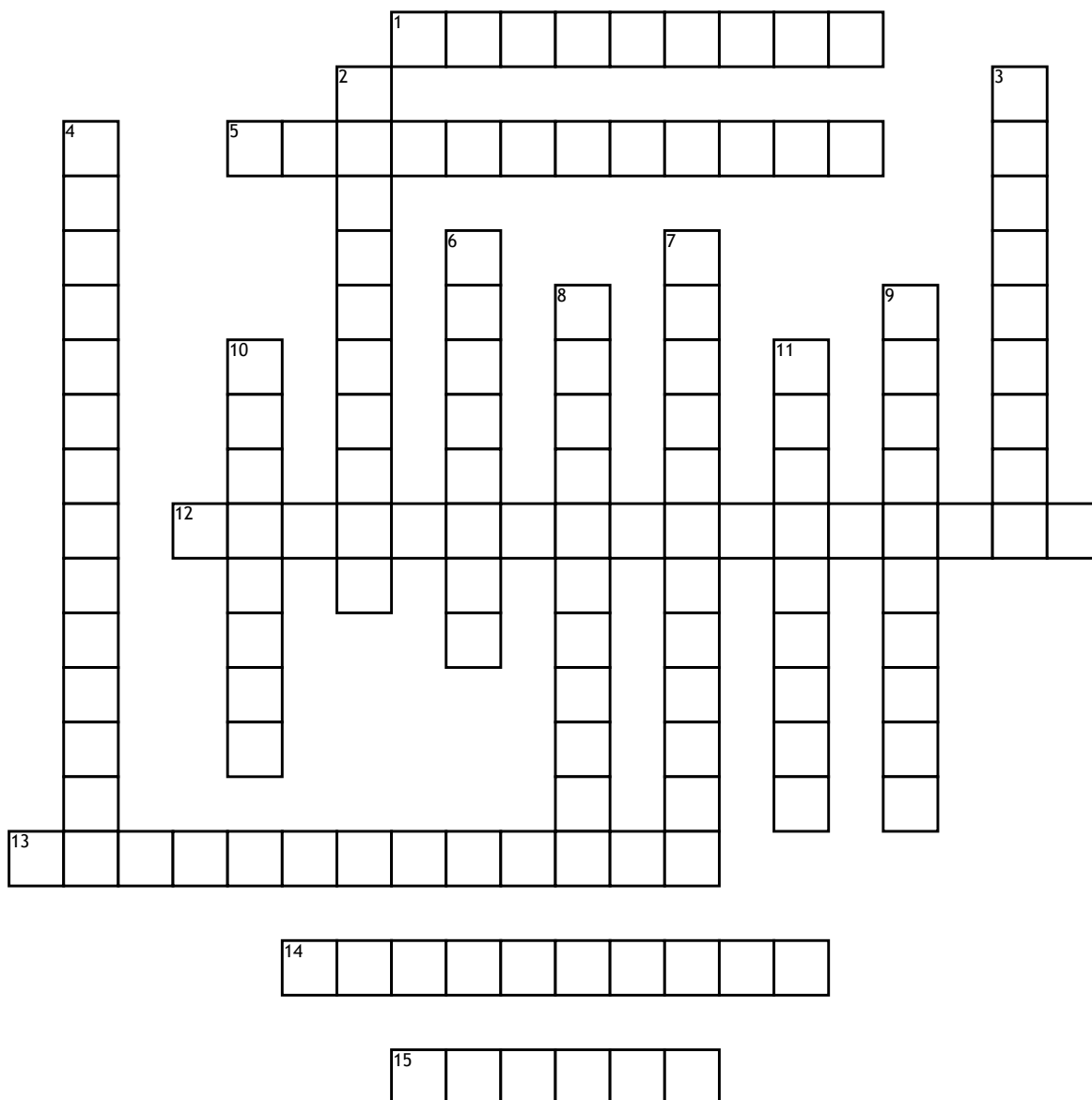


Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Functions and Structures of The Integumentary System.



### Across

1. is the superficial thin layer that contains keratin.

5. are small muscles attached to hair follicles.

12. small tubular structures of the skin that produce sweat.

13. connective tissue in which fat is stored and which has the cells distended by droplets of fat.

14. can also be called the subcutaneous layer.

15. is made of collagen which makes the skin durable and elastin.

### Down

2. from abrasion, bacteria, dehydration, and UV radiation.

3. of ions, urea, organic compounds, and water.

4. microscopic exocrine glands in the skin that secrete an oily or waxy matter.

6. is made in the skin.

7. the sheath of cells and connective tissue that surrounds the root of a hair.

8. prolonged axon that conducts nerve impulses.

9. of body temperature.

10. some cells of the epidermis fight foreign invaders.

11. nerve endings detect temperature, touch, pressure, and pain.