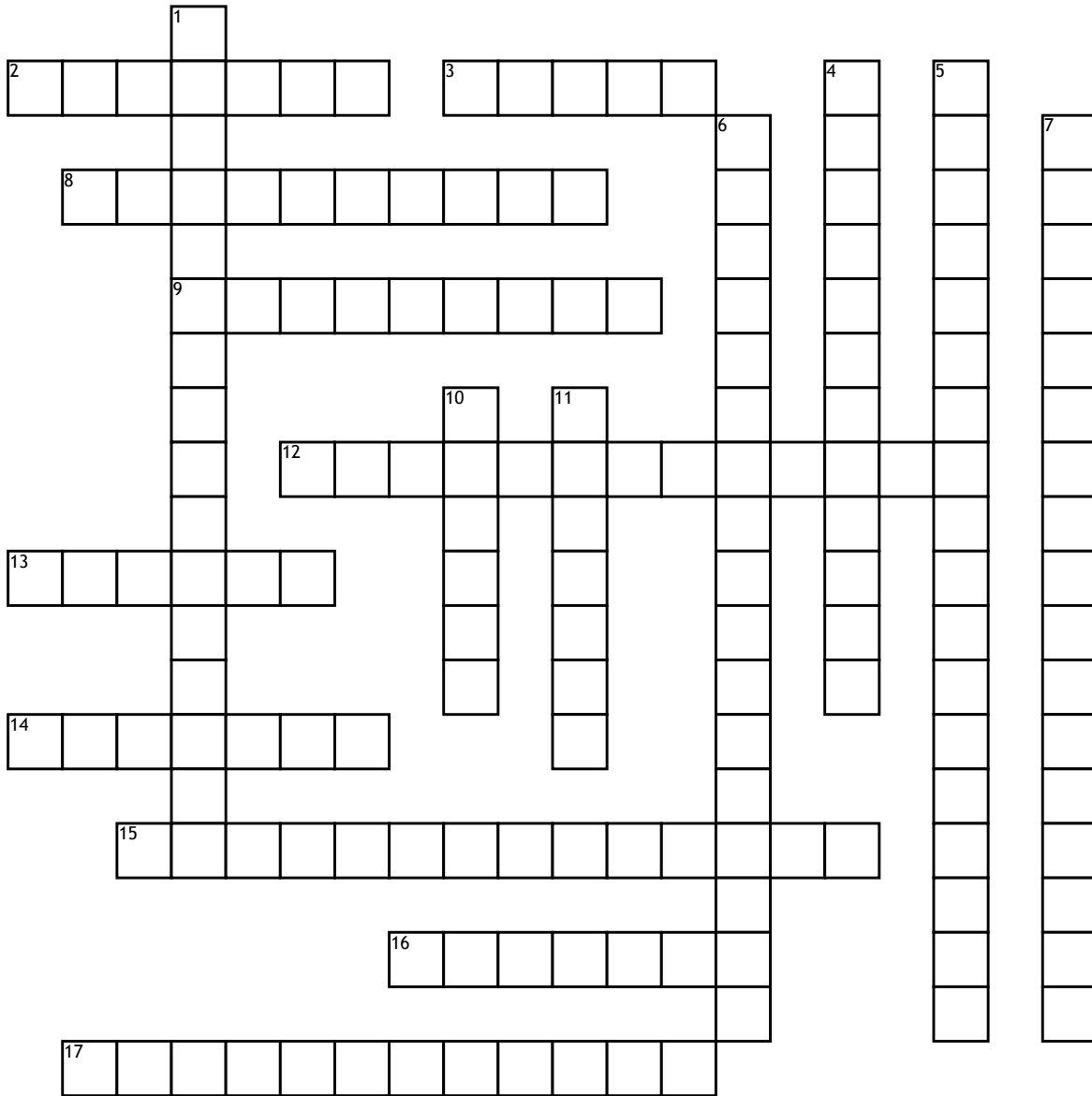


# Integument



**Across**

- 2. a dark brown to black pigment occurring in the hair, skin, and iris of the eye in people and animals. It is responsible for tanning of skin exposed to sunlight.
- 3. a light yellow, oily substance that is secreted by the sebaceous glands that help keep the skin and hair moisturized
- 8. a small gland that secretes sweat, situated in the dermis of the skin. Such glands are found over most of the body, and have a simple coiled tubular structure.
- 9. the outer layer of tissue in a plant, except where it is replaced by periderm.
- 12. is the deepest layer of the five layers of the epidermis, the outer covering of skin in mammals

- 13. the thick layer of living tissue below the epidermis which forms the true skin, containing blood capillaries, nerve endings, sweat glands, hair follicles, and other structures.
- 14. adhere cells to each other and to form a protective layer on the outside of the skin. In epithelial cells
- 15. a small gland in the skin which secretes a lubricating oily matter (sebum) into the hair follicles to lubricate the skin and hair.
- 16. especially of body tissue used for the storage of fat.
- 17. is part of the skin that grows hair by packing old cells together.

**Down**

- 1. a thin, delicate membrane of protein fibers and glycosaminoglycans separating an epithelium from underlying tissue.

- 4. is a vital part of the immune system's response to injury and infection.
- 5. n the breast secrete fat droplets into breast milk and those in the ear help form earwax.
- 6. the hypodermis, is the innermost layer of skin.
- 7. are small muscles attached to hair follicles in mammals
- 10. the white area at the base of a fingernail.
- 11. a protective and waxy or hard layer covering the epidermis of a plant, invertebrate, or shell. the outer cellular layer of a hair.