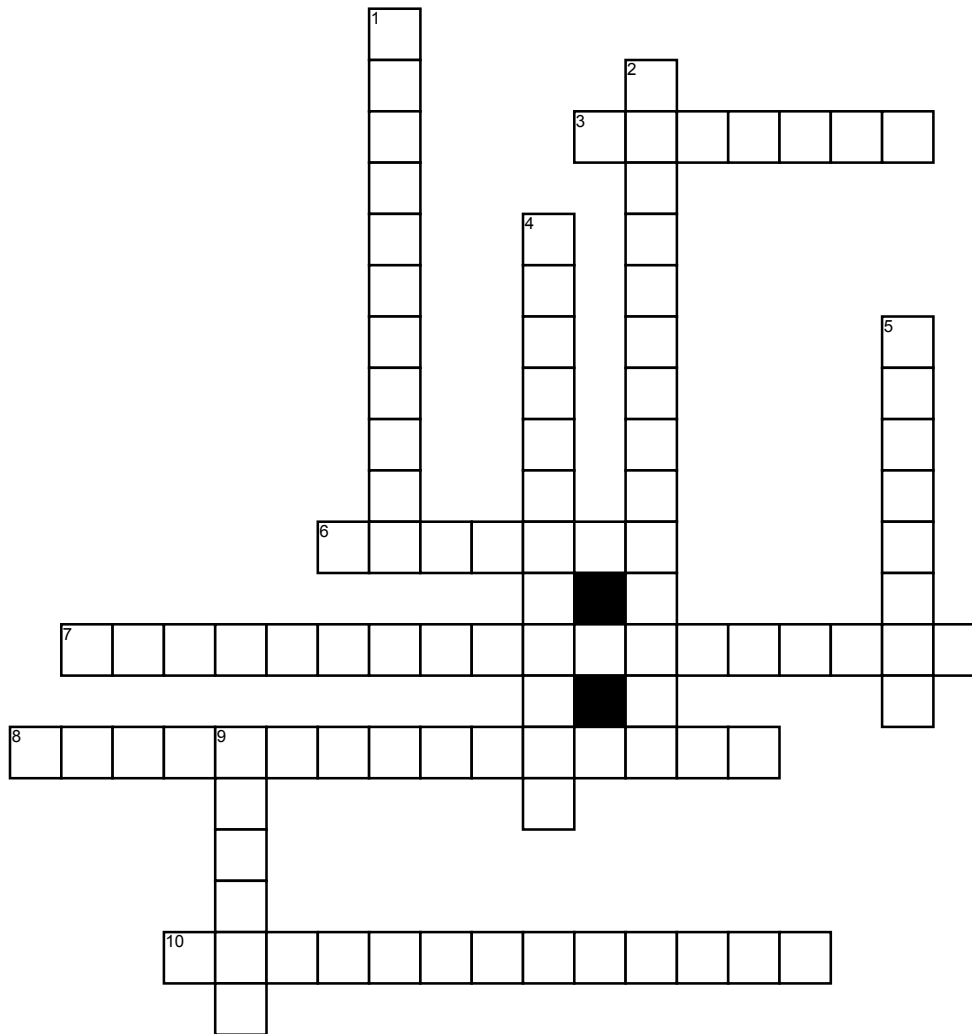


Properties of the Hair and Scalp



Across

- 3.** A fibrous protein that grows from cells originating within the hair follicle
- 6.** The innermost layer of the hair
- 7.** Small, involuntary muscle in the bas of the hair follicle
- 8.** Oil glands in the skin that are connected to the hair follicles
- 10.** A small, cone shaped elevation located at the base of the hair follicle that fits into the hair bulb

Down

- 1.** This is the outermost layer of the hair
- 2.** Process by which newly formed cells in the hair bulb mature, fill with keratin, move upward, lose their nucleus, and die
- 4.** A tube-like depression or pocket in the skin or scalp that contains the hair root
- 5.** Lowest part of the hair strand and is the thickened, club-shaped structure that forms the lower part of the hair root.
- 9.** The middle layer of the hair

Word Bank

sebaceous glands

Medulla

arrector pili muscle

keratinization

dermal papilla

hair bulb

Cortex

keratin

hair follicle

hair cuticle