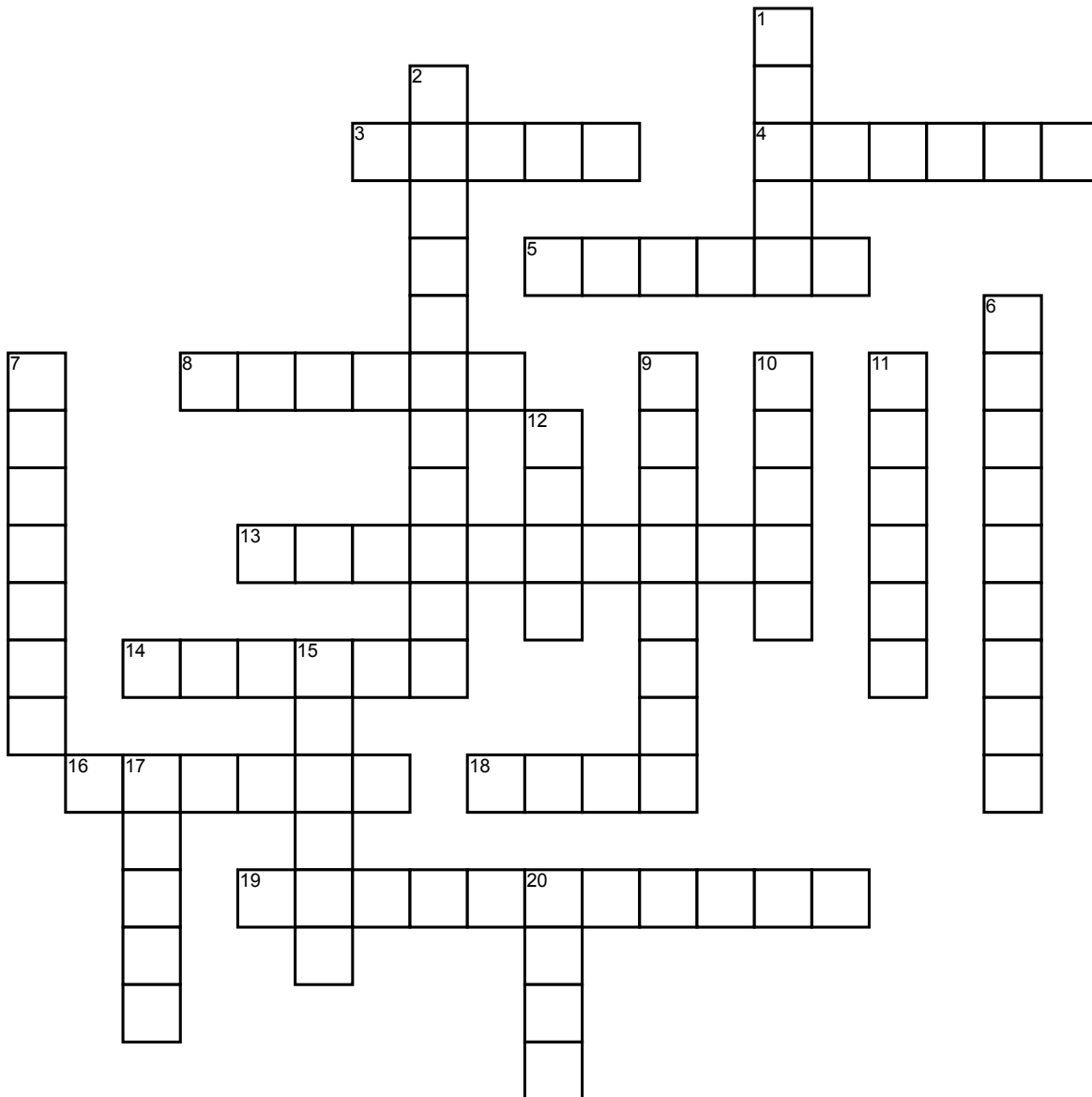


Ocular anatomy



Across

- 3.** Central pit in the macula, provides the sharpest vision
4. Tiny openings on upper and lower lid margins that drain excess tears
5. Yellow spot where vision is the keenest in the retina
8. Layer on the inside of the eye that transmits light impulses through the optic nerve to the brain
13. Carries impulses of sight from the retina to the brain
14. White, protective outer layer of the eye

16. Transparent front part of the eye

18. Gives color to the eye

19. Aqueous humor is produced here

Down

1. Regulates the amount of light that enters the eye

2. Membrane that lines the inside of the eyelids and covers the sclera

6. Point of entry of the optic nerve, blind spot,

7. Intraocular blood supply for the retina

9. Clear gel-like substance in the posterior segment

10. Photoreceptors that allow fine resolution and detection of colors

11. Where the cornea joins the sclera

12. Transparent elastic structure that focuses light rays onto the retina

15. Thin fold of skin that covers and protects the eye

17. Bony structure in the skull that houses the eyeball (globe)

20. Photoreceptors that detect black and white and assist in low light vision