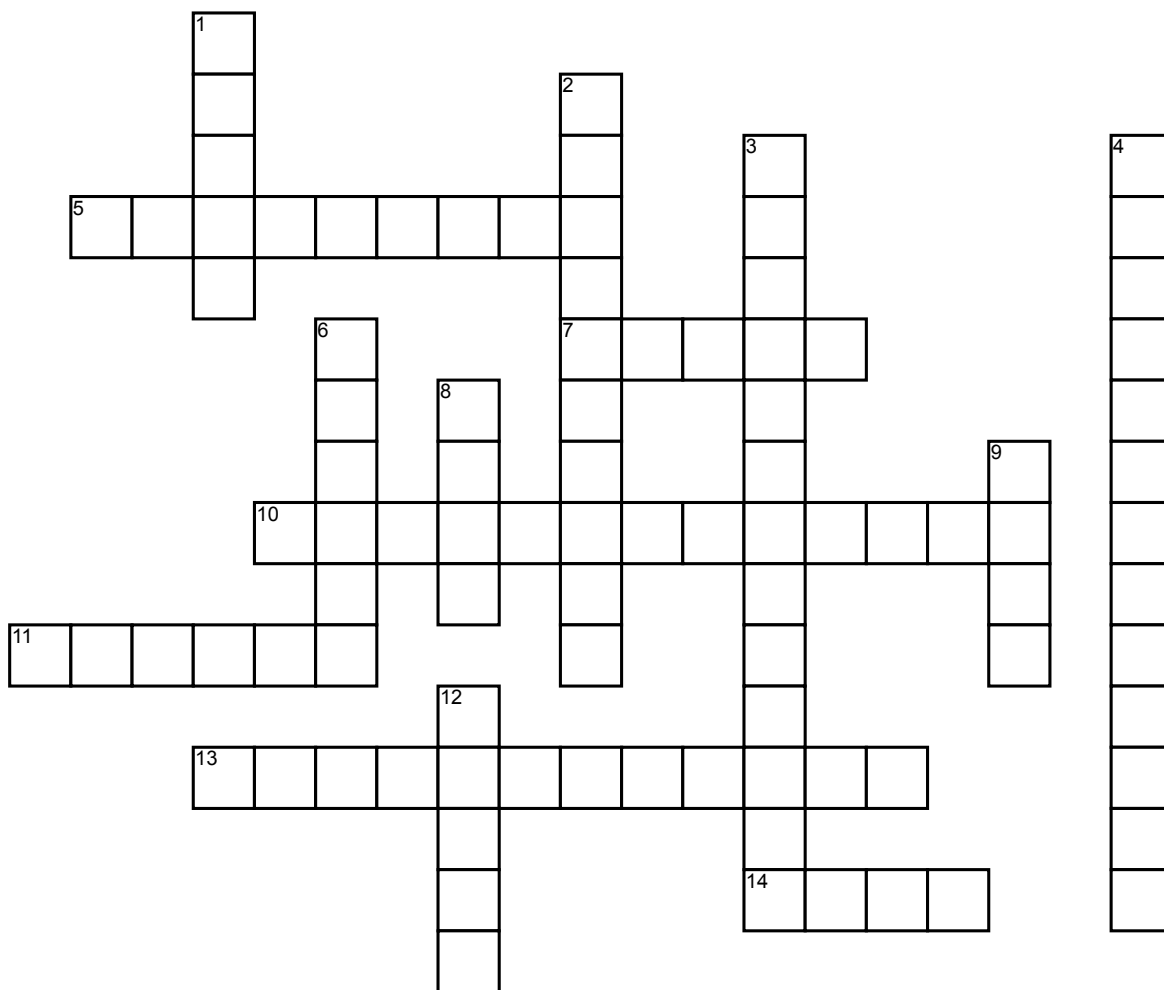


The Eye



Across

5. The point at which the optic nerve leaves the eye creating a "blind" spot because no receptor cells are located there

7. Detect fine detail, give rise to color sensations, and function in daylight or in well-lit places

10. A ring of smooth fibers that is responsible for changing the shape of the lens

11. Clear, smooth part that protects the eyeball and bends the light into the pupil

13. The clear fluid between the cornea and the lens that nourishes the eye and helps the cornea keep its shape

14. Retinal receptors that detect black, white, and gray colors

Down

1. The adjustable opening in the center of the eye through which light enters

2. The nerve that carries neural impulses from the eye to the brain

3. The transparent, jelly-like tissue filling the eyeball behind the lens

4. The process by which the eye's lens changes shape to focus near or far objects on the retina

6. The light-sensitive inner surface of the eye containing the receptors, rods, and cones

8. A ring of muscle tissue that forms the colored part of the eye around the pupil

9. The transparent structure behind the pupil that changes shape to help focus images on the retina

12. Clearest point in ones vision