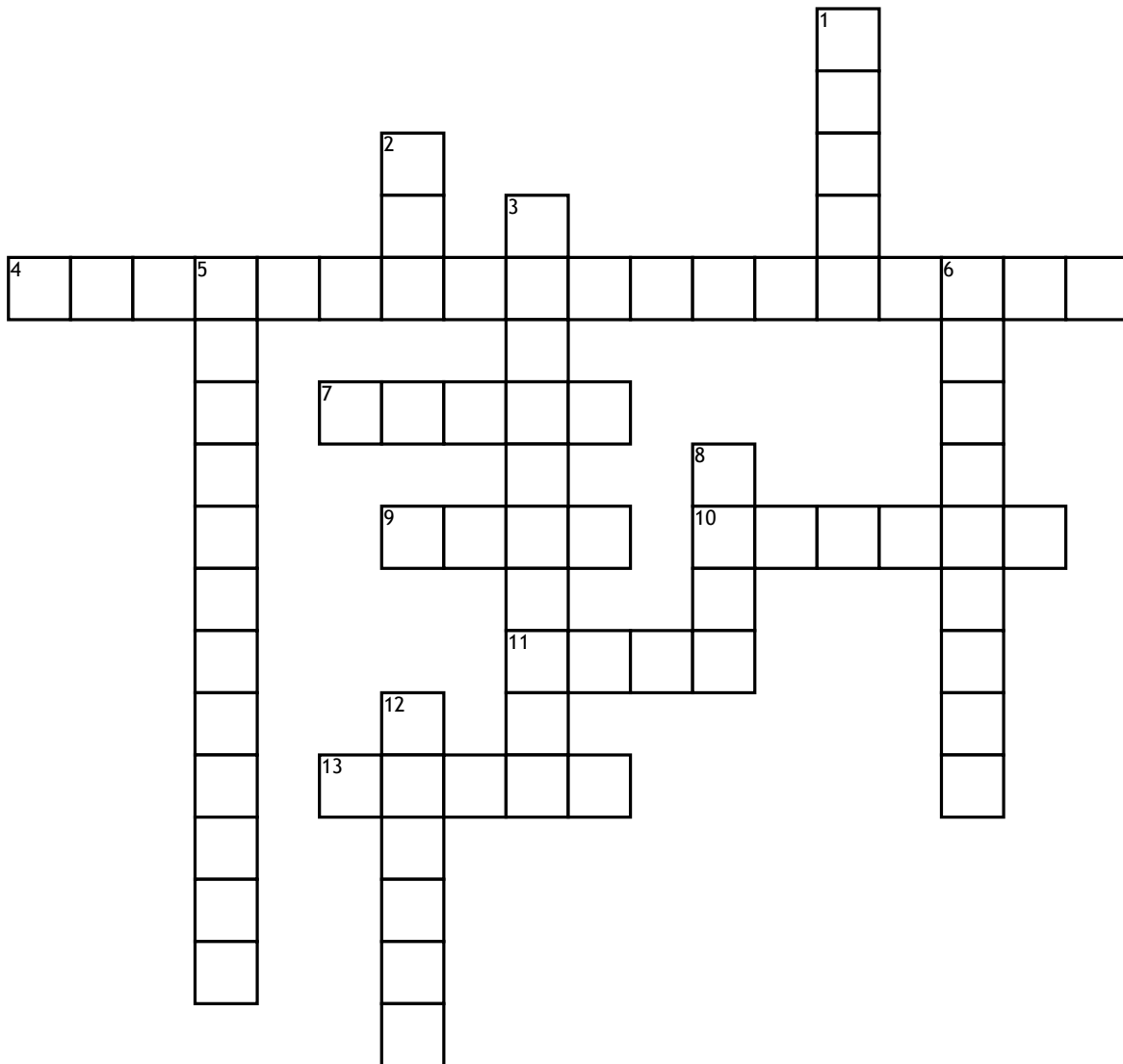


# Unit 4, Module 18



## Across

4. Processing of many aspects of problem simultaneously

7. Adjustable opening in center of eye through which light enters

9. Transparent structure behind pupil that changes shape to help focus images of retina

10. Inner surface of eye containing rods, cones, and layers of neurons

11. Retinal receptors detect black, white and gray; necessary for peripheral and twilight vision

13. Central focus point in retina

## Down

1. Retinal receptors function in daylight, detect fine detail and color

2. Dimension of color

3. Nerve carries neural impulses from eye to brain

5. Eye lens changes shape to focus

6. Amount of energy in light or sound wave

8. Ring of muscle tissue that forms the colored portion

12. Protects eye and blends light to focus