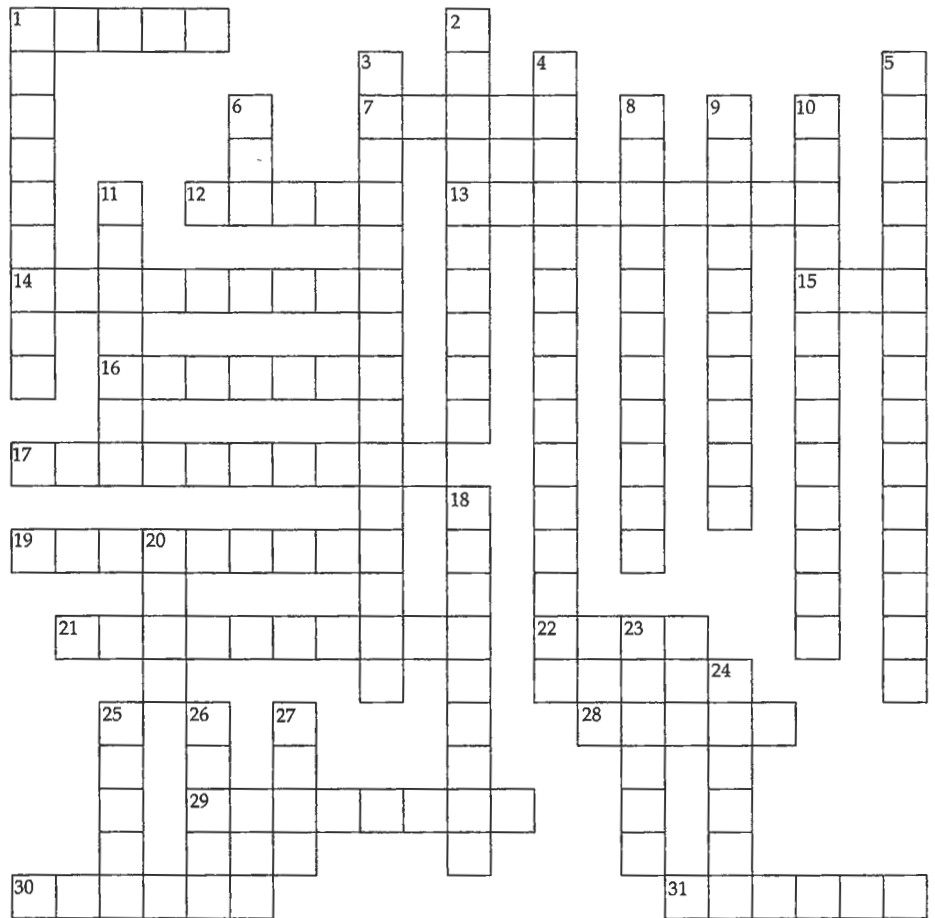


Ch 5

Crossword



ACROSS

1. The retina's point of central focus.
7. Types of fibers that close the "pain gate."
12. Nerve that carries visual information to the brain.
13. Aspect of light and sound determined by the amplitude of energy waves.
14. Unit of measurement for electromagnetic energy.
15. The perceptual experience of color.
16. Membrane that lies at the end of the auditory canal.
17. Term for the color seen after staring at its opponent for a while.
19. Physical dimension of light and sound that determines brightness and loudness, respectively.
21. Type of deafness that results from damage in the mechanics of the outer or middle ear.
22. Membrane "window" at the entrance to the ear's cochlea.
28. Adjustable opening in the eye through which light enters.
29. Sense of hearing.
30. Transparent protective membrane through which light enters the eye.
31. Inner surface of the eye that contains the rods and cones.

DOWN

1. Theory of hearing that the rate of auditory nerve impulses matches the frequency of tones, enabling us to sense pitch.
2. Type of vision caused by a shorter-than-normal eyeball.
3. Energy spectrum that contains visible light.
4. Type of brain cell discovered by Hubel and Wiesel.
5. The basis of a "bionic ear."

6. ____-down processing is information processing guided by higher-level mental processes.
8. Sense of the position and movement of body parts.
9. Ability of some brain-damaged patients to respond to something that is not consciously perceived.
10. Study of the relationship between the physical characteristics of stimuli and our psychological experience of them.
11. Perception of color is strongly influenced by the object's ____.
18. Region of the retina where the optic nerve leaves the eye.
20. Part of the eye that changes shape to focus images on the retina.
23. Sharpness of vision.
24. Region of the ear that contains the hammer, anvil, and stirrup.
25. Region of the ear that contains the cochlea.
26. Theory that the region of maximum vibration along the basilar membrane is the basis of pitch discrimination.
27. Visual receptors that are concentrated in the periphery of the retina.