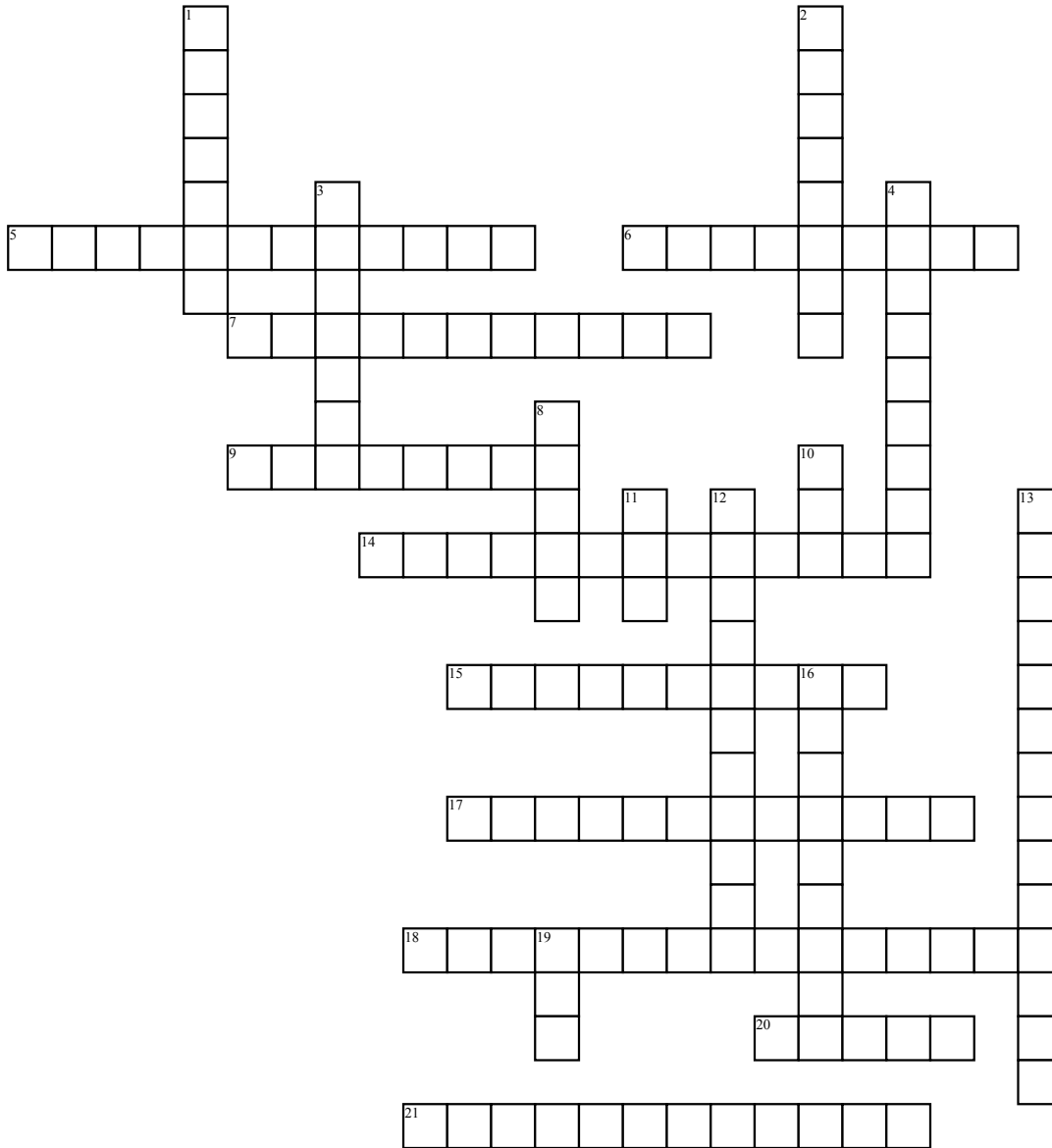


# Take the Photographer's Challenge



## **Across**

5. The process by which analog images are converted to a digital form.
6. A relatively small, low-resolution version of a larger image file used as a preview of the full-size image.
7. Combining two (or more) negatives or slides for simultaneous printing or viewing
9. An image in which the brightness values are reversed - that is, reproduced so that the lightest areas are the darkest, the darkest areas are the lightest, and intermediate tones are similarly reversed.
14. A camera that permits you to look through the same lens used to focus the image onto the digital sensor or film.
15. A fixed focal length (FFL) lens, as opposed to a zoom lens, which has a variable focal length (VFL).

17. An obsolete photographic process in which a picture made on a silver surface sensitized with iodine was developed by exposure to mercury vapor.
18. A type of lens that is able to transmit light without separating it into colors.
20. A lens aperture setting calibrated to an f-number. Each stop either halves or doubles the amount of light passing through the lens
21. The amount of time that a camera's shutter remains open.

## **Down**

1. The relative opacity (blackness) of an area of a negative, a transparency or a print.
2. A enclosure containing white-light balanced fluorescent tubes behind a flat translucent glass or plastic surface on which transparencies or negatives are laid in order to view them.
3. Technique that involves taking a picture while moving the camera at a relatively slow shutter speed.

4. A device used for accumulating and holding a charge of electricity.
8. Reddish-brown tone applied to a monochrome image to give it the appearance of an old fashioned photograph.
10. Liquid Crystal Display - A small flat image-viewing screen in a digital camera
11. Occurs when a camera automatically determines and sets the correct white balance for a scene.
12. An invisible identifier placed in a digital image file that is not affected by normal image editing and can be retrieved using software.
13. Process of making surveys and maps using photographs.
16. A soft look achieved by bending some of the light from the subject so it is defocused while the rest remains in focus.
19. A common type of computer memory for temporary storage of digital information, such as an image file.