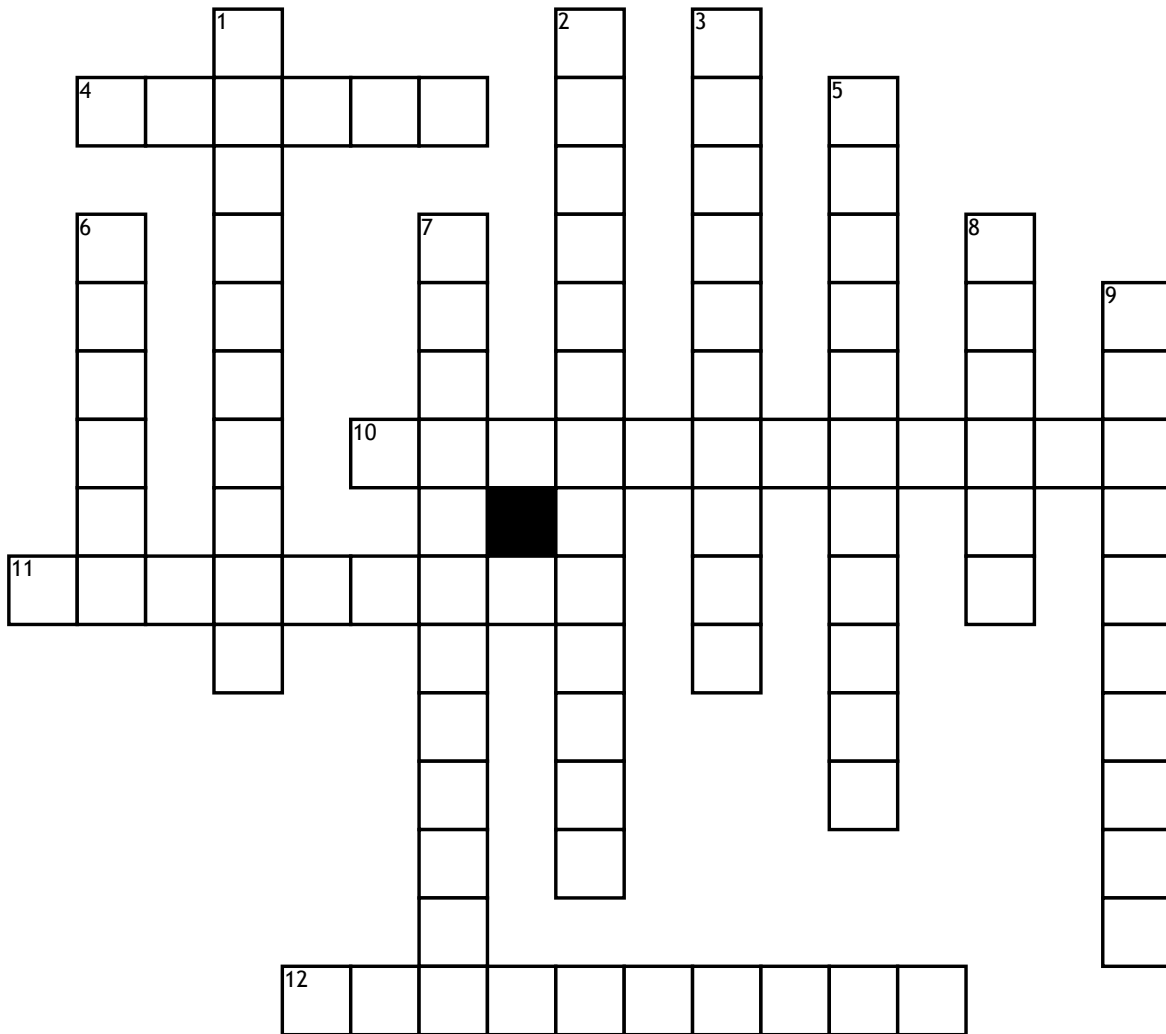


# Light and Optical Systems



**Across**

4. The line that is perpendicular to a surface.

10. The ray of light that leaves the mirror or other substance is the \_\_\_\_\_.

11. Used to see objects from a distance.

12. Explained how light worked; lived in the 6th century B.C.

**Down**

1. Light travels in straight lines, light can be reflected, light can bend, and light is a form of energy, are all \_\_\_\_\_ of light.

2. Any technology that uses light.

3. Device that is used to see things too small for the naked human eye.

5. The ray of light that arrives at a mirror or other substance is the \_\_\_\_\_.

6. Object that doesn't let light pass through

7. Calculated by Albert A. Michelson is the 1920's.

8. An optical device that reflects images.

9. Diagram used to represent how light travels; each ray is represented by an arrow.