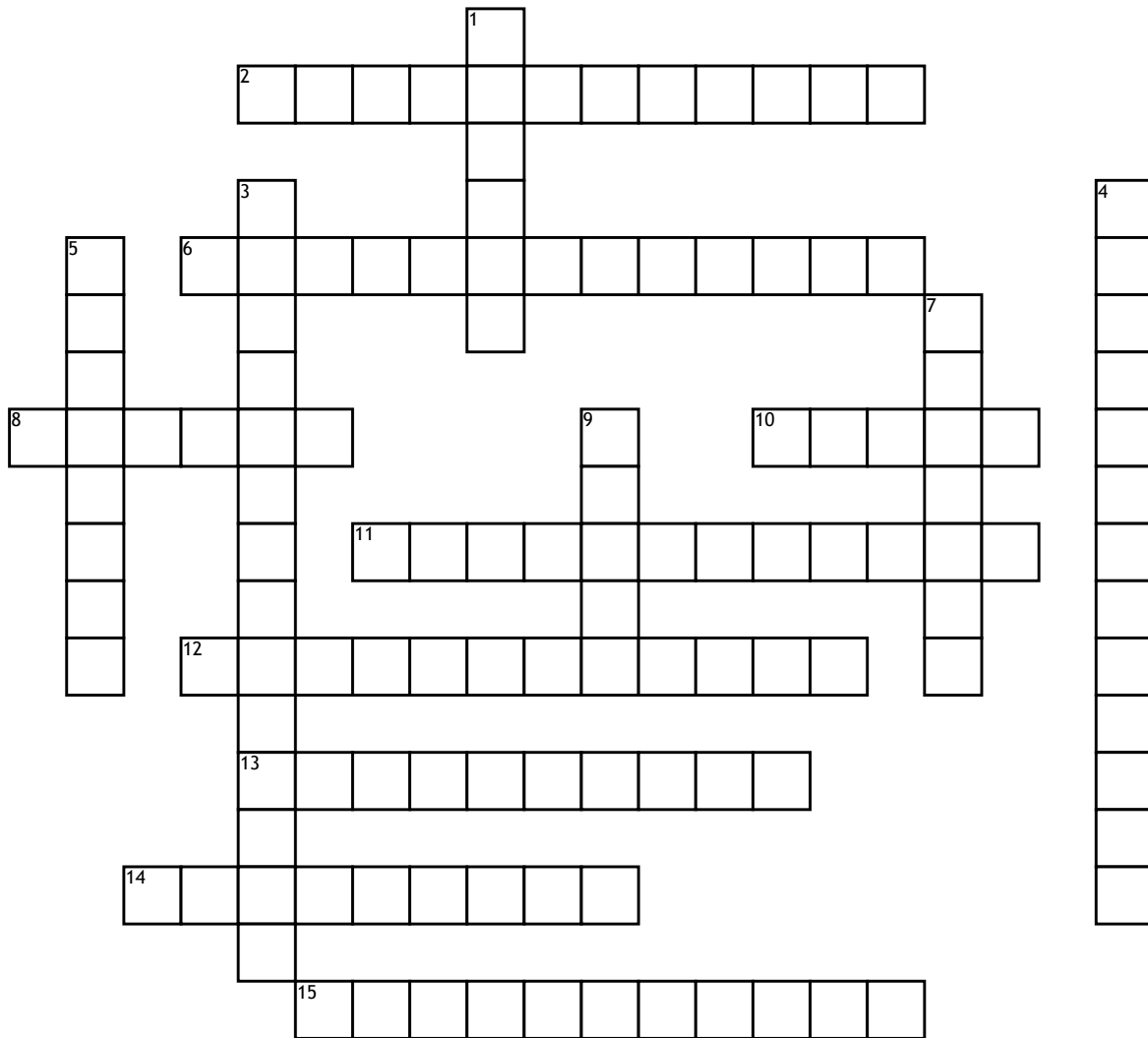


Types of Mirror and lenses



Across

- 2. concave, used for image reduction or to spread light
- 6. concave, are used in beam expansion, image reduction
- 8. reflects all wavelengths of light, used as decor
- 10. flat mirrors that reflect images in their normal proportions, reversed from left to right, used in solar cookers
- 11. viewers on one side look through the window without being seen on the other side, used in security surveillance

- 12. convex, are used in image relay applications
- 13. uses light rays to bend a specific focal point
- 14. causes light rays from a specific focal point to be spread out
- 15. convex, are designed for infinite conjugate (parallel light)

Down

- 1. spherical mirror or lense in which the middle is greater than the ends, used in sunglasses and side view mirrors of passengers

- 3. having the convex side of greater curvature than the concave
- 4. The convex face has a greater degree of curvature than the concave face.
- 5. one side is concave and one convex designed to minimize spherical aberration
- 7. spherical mirrors that curve inward and lenses that are thinner in the middle, used in flashlight of camera and electron microscopes
- 9. flat lens one side is flat the other is concave or convex, used in eyeglasses