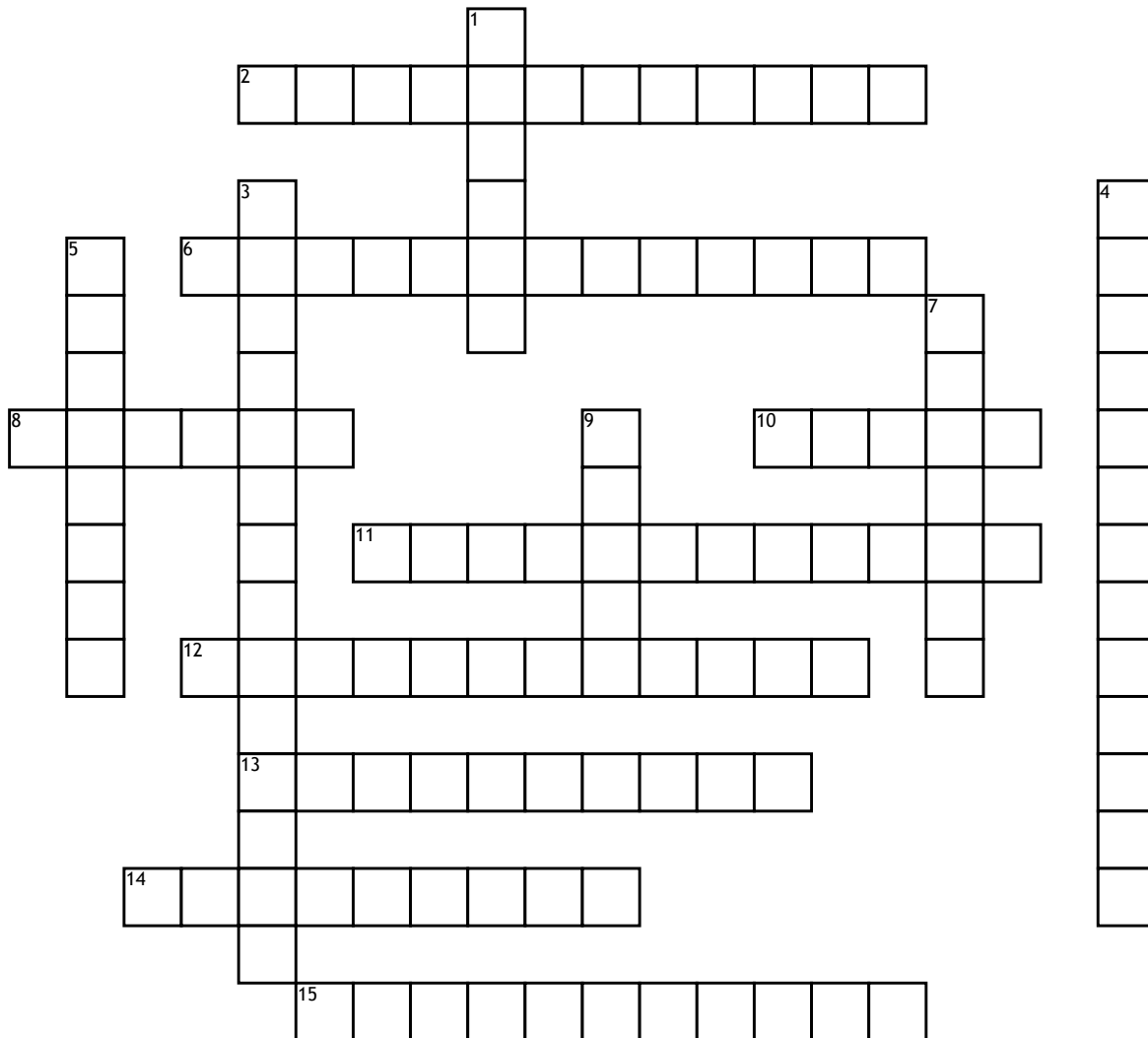


Name: _____

Date: _____

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