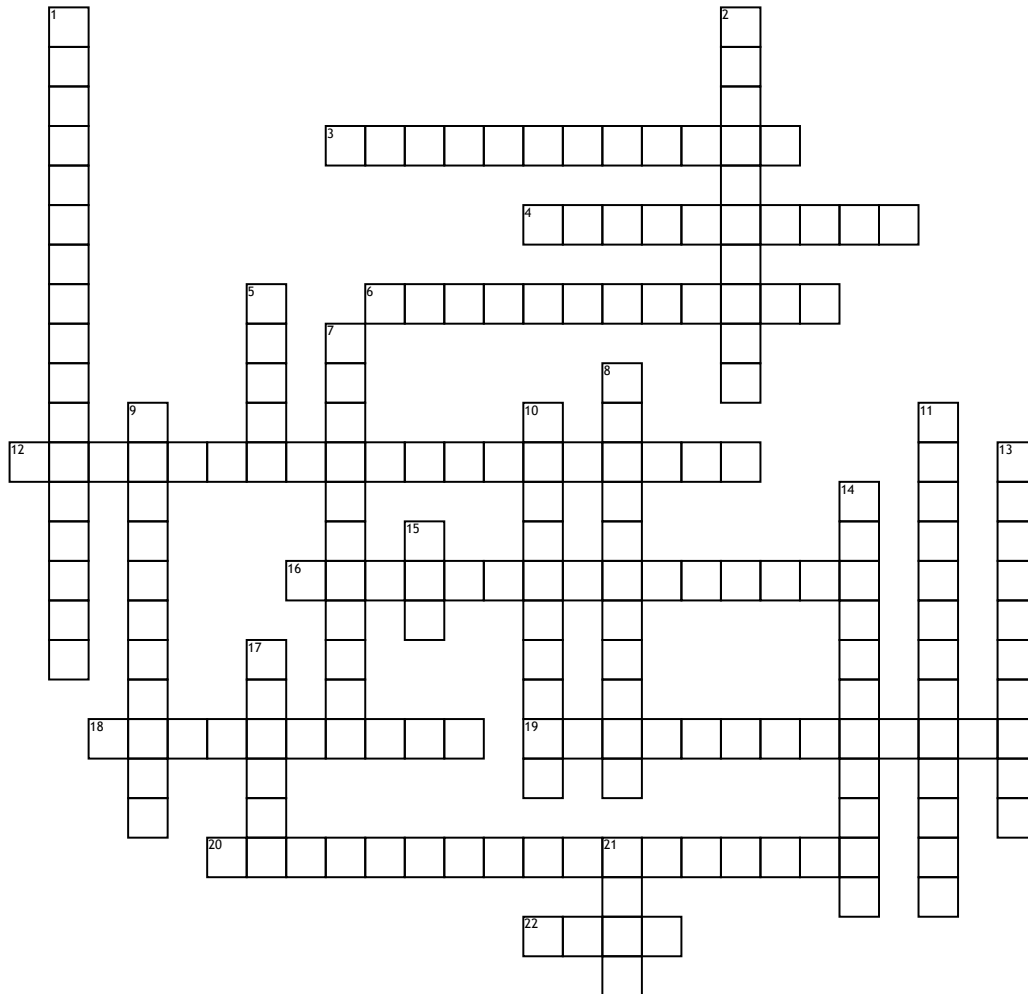


Name: _____

Date: _____

Light Vocabulary



Across

3. A mirror that curves outward
 4. The point where light rays parallel to the optical axis converge after being reflected off a mirror
 6. The passage of light through an object
 12. A telescope that uses lenses to gather and focus light from distant objects
 16. According to this, when a wave is reflected from a surface, the angle of reflection is equal to the angle of incidence
 18. The change in direction of a wave as it changes speed while moving from one medium to another
 19. Any instrument or object used to produce or control light

20. Reflection of light from a smooth, shiny surface

22. One of the many cells in the retina of the eye that respond to colors

Down

1. Reflection of light from a rough surface
 2. The transfer of energy by a wave to the medium through which it travels
 5. Electromagnetic radiation that you can see
 7. A material that allows almost all light that strikes it to pass through and form a clear image
 8. The distance along the optical axis from the mirror to the focal point

9. A material that allows most of the light that strikes it to pass through and form a blurry image

10. The bouncing of a wave off a surface

11. A mirror that curves inward

13. A lens that is thicker in the middle than at the edges

14. A lens that is thicker at the edges than in the middle

15. One of the many cells in the retina of the eye that responds to low light

17. A material through which light does not pass

21. A transparent object with at least one curved side that causes light to change direction

Word Bank

Light	Reflection	Transparent	Translucent	Opaque
Transmission	Absorption	Law of Reflection	Regular reflection	Diffuse reflection
Concave mirror	Focal point	Focal length	Convex mirror	Refraction
Lens	Convex lens	Concave lens	Rod	Cone
Optical device	Refracting telescope			