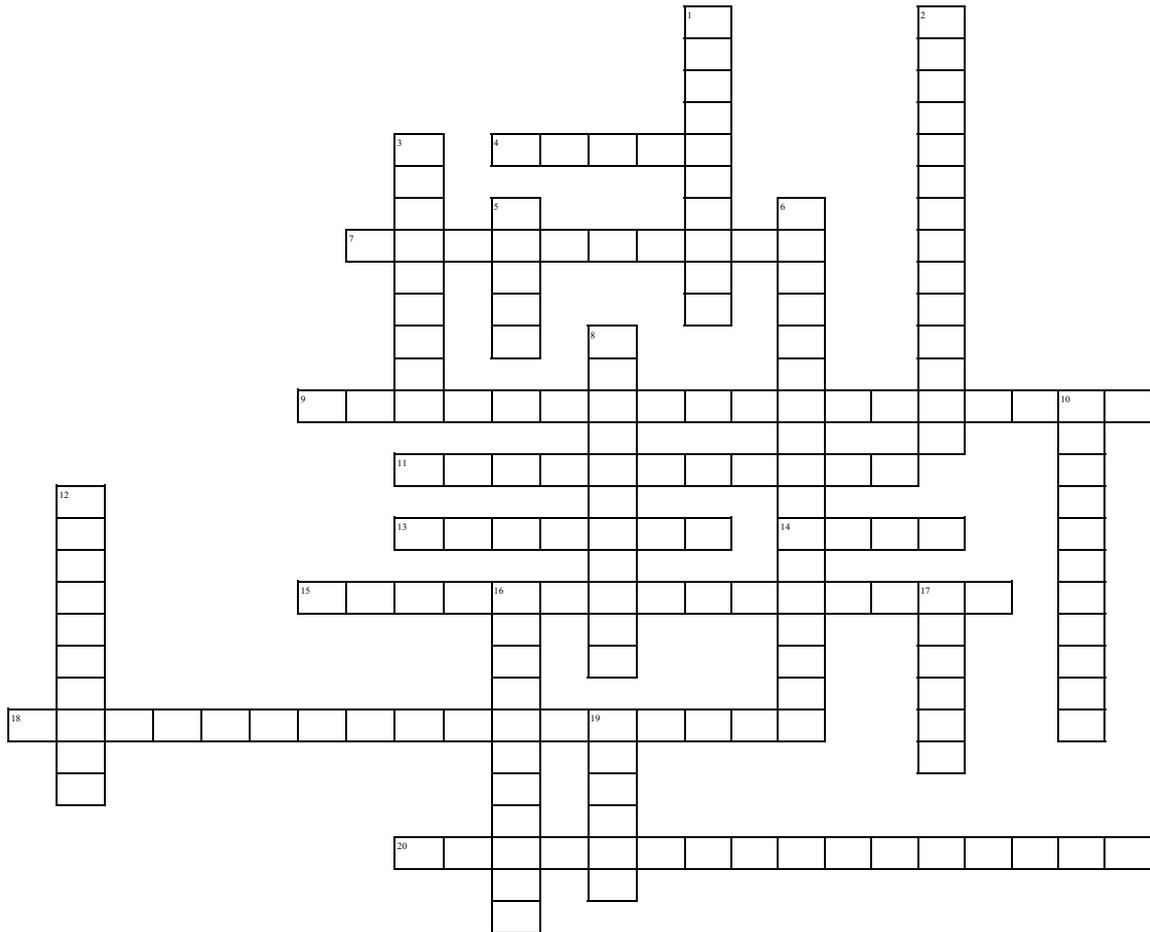


Name: \_\_\_\_\_

# Different Lenses



## Across

- 4. an illusion created by light
- 7. bending of light rays
- 9. a mirror or shiny surface creates this
- 11. frosted glass
- 13. converging lens
- 14. curved surface that bends light by refraction
- 15. the angle of incidence equals the angle of reflection
- 18. light striking a non-shiny surface
- 20. angle between incident ray and normal

## Down

- 1. light strikes a surface and comes back at a different angle
- 2. distance between object and optical element
- 3. a lens to see outerspace
- 5. a dispersive object
- 6. angle between reflected light and normal
- 8. window glass
- 10. path of a light ray
- 12. point which all incident rays pass through
- 16. distance between the lens and focal point
- 17. painted glass
- 19. diverging lens