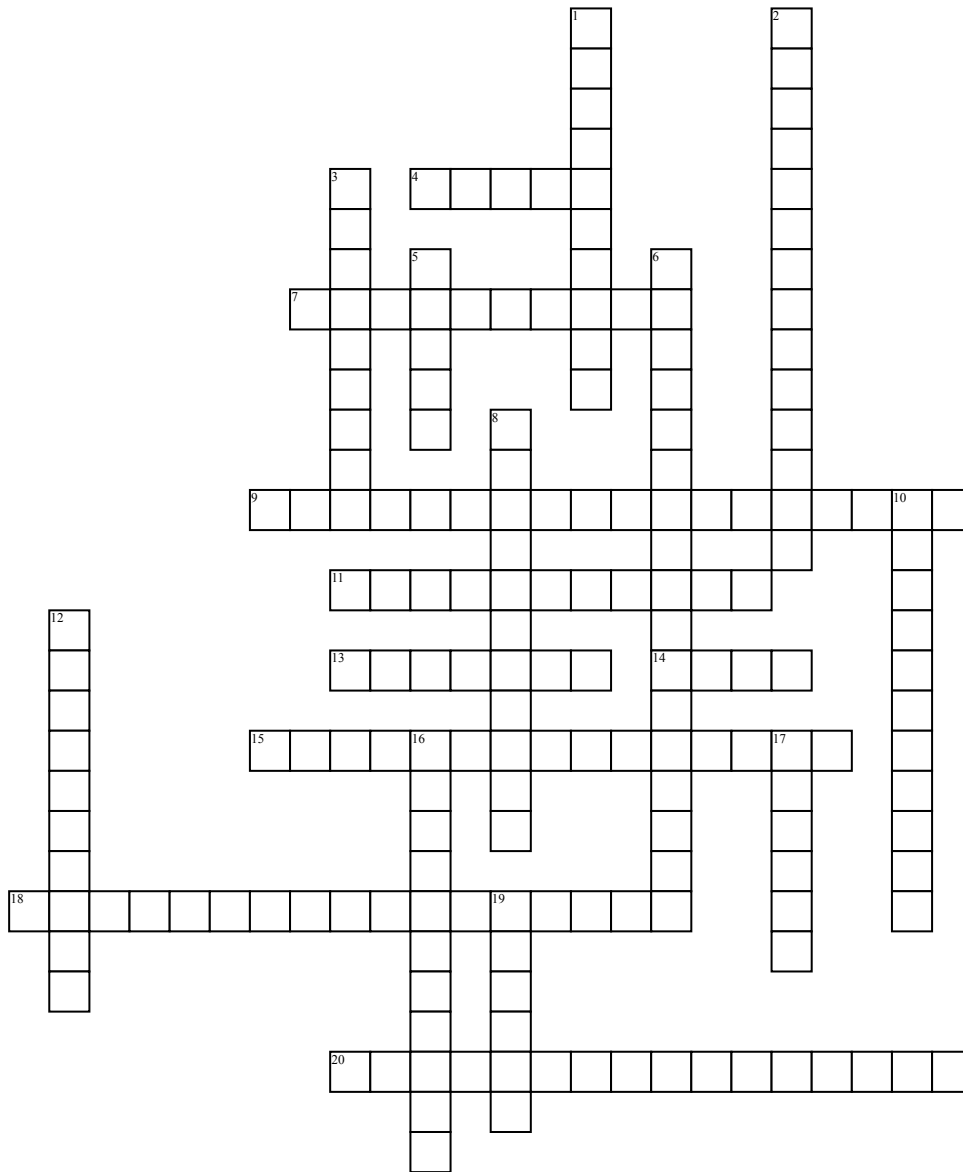


Name: _____

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