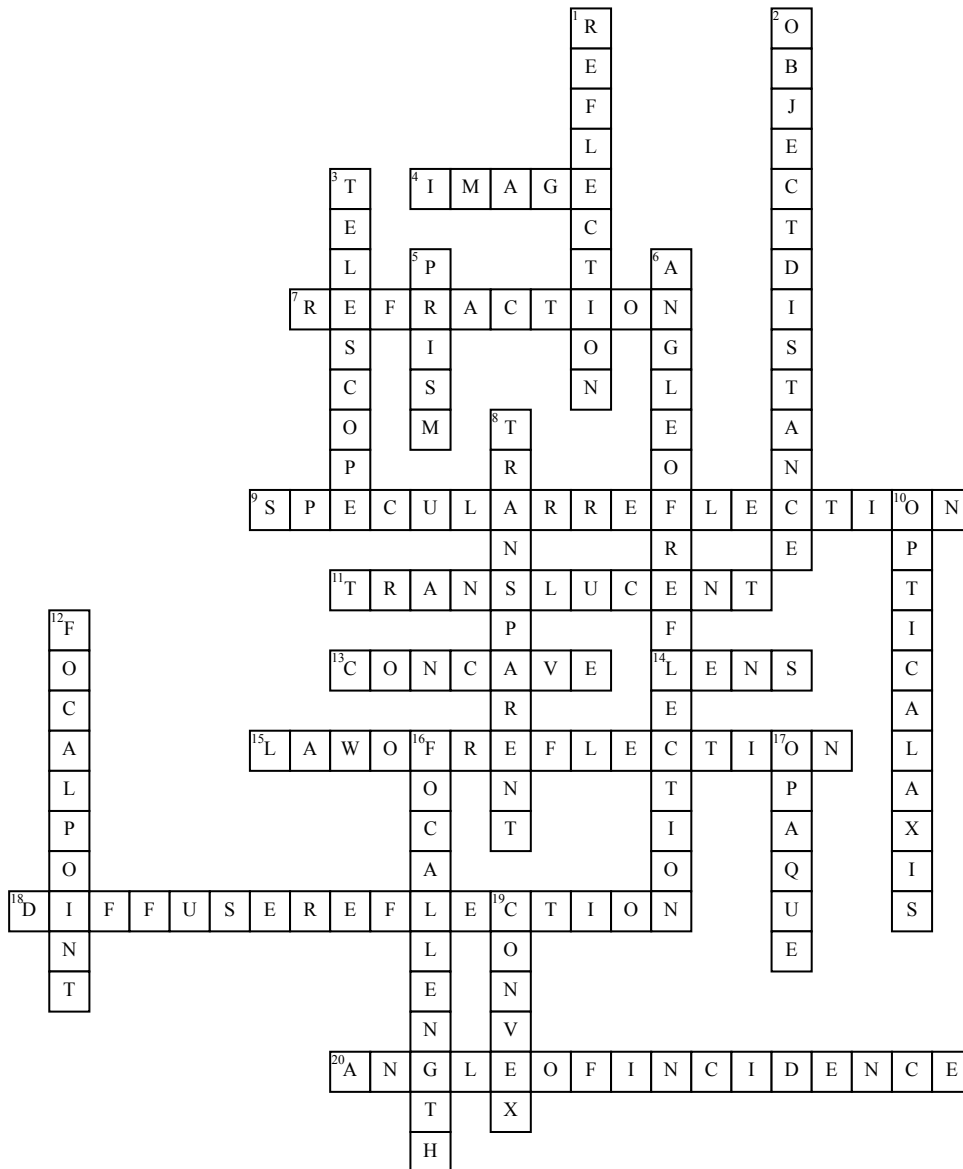


Name: _____

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