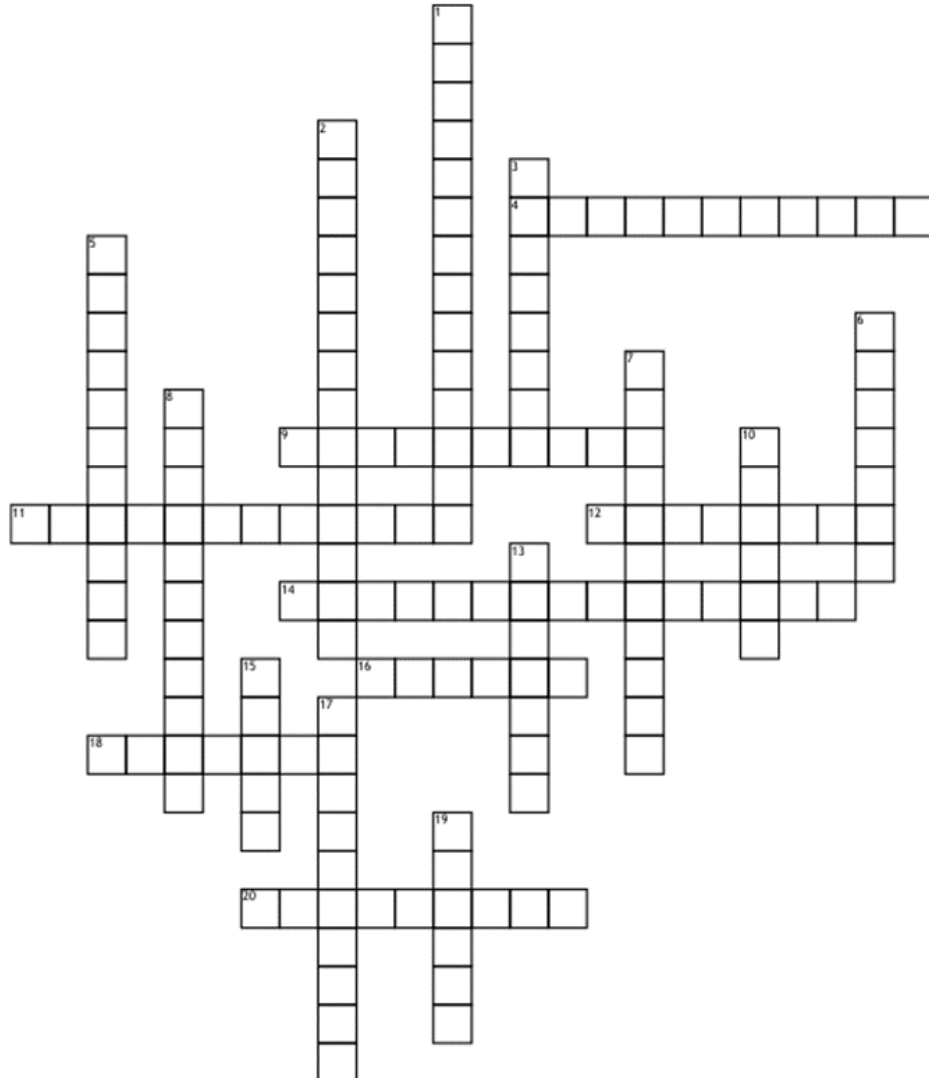


Name: _____

Light and Optics



Across

4. materials that allow some light to pass through them
9. Light changing direction when contacting a surface is known as
11. electricity traveling through a filament
12. Objects that produce their own light
14. produces light without wasting energy as heat
16. Materials that do not allow any light to pass through it
18. a mirror that curves inwards

20. angle of _____ = angle of reflection

Down

1. energy stored in cells and released later
2. Species that create their own light using a chemical reaction
3. Light travels in _____ lines
5. electricity running through a glass tube filled with gas
6. Rays reflected in a scattered pattern form a _____ reflection

7. Objects that do not produce their own light
8. Materials that allow all light to pass through them
10. a mirror that curves outwards
13. Rays reflected in parallel form a _____ reflection
15. a flat mirror
17. Light traveling at an angle from one medium to another is called
19. Light is a form of