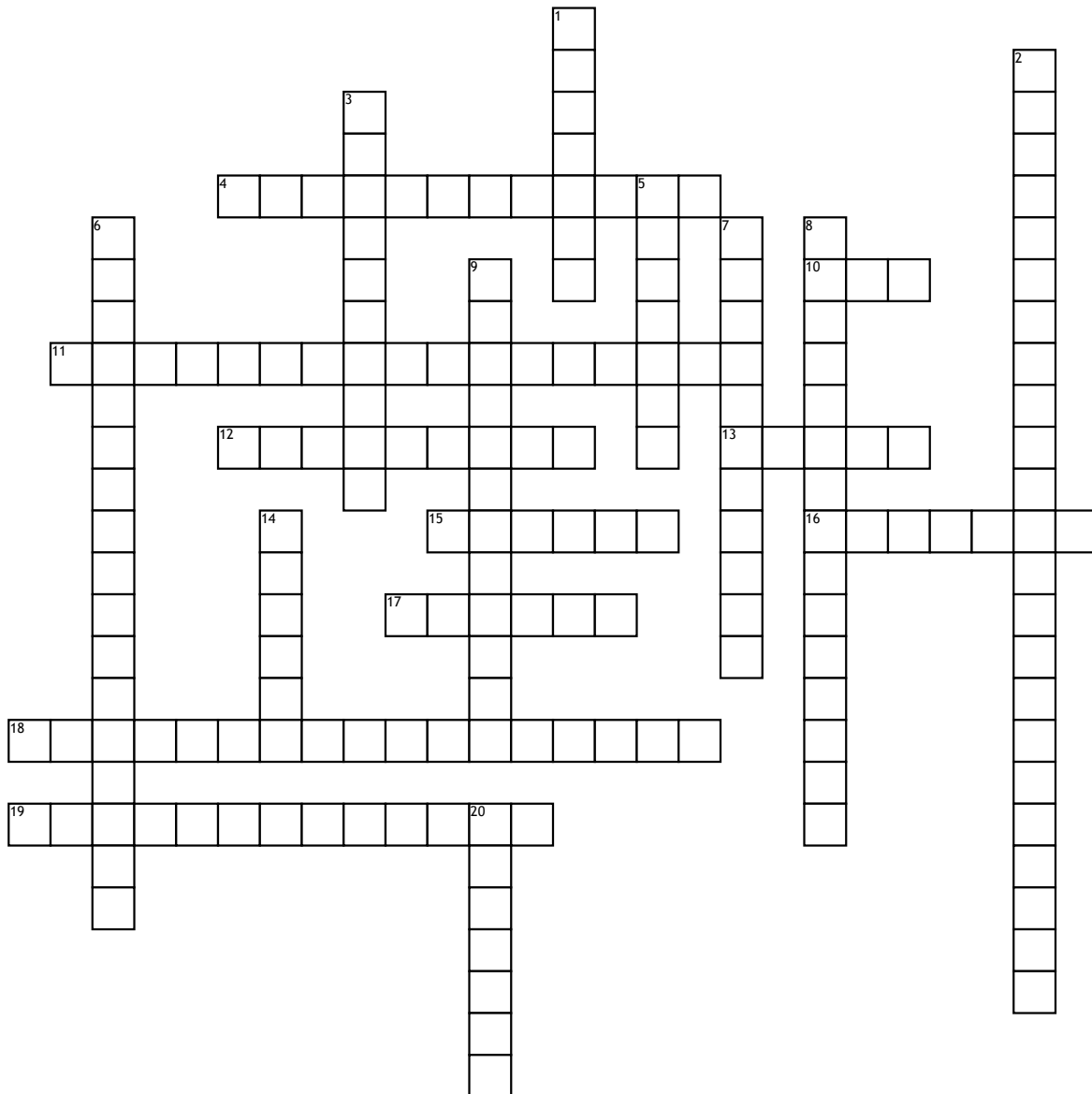


Name: _____

Date: _____

crossword review



Across

- 4. making light that vibrates in only one plain
- 10. semiconductor that emits light
- 11. reflection of light from smooth surface
- 12. light produced by exciting the molecules of neon gas
- 13. beams of coherent light
- 15. continuous signal translated into a wave of frequencies
- 16. wave consisting of changing electric fields

17. white light refracts when enters

18. light produced by making a piece of metal in a light bulb very hot

19. the three colors that can be mixed to create all other colors

Down

1. signal translate into wave with only 2 possible amplitudes

2. the entire range of electromagnetic waves

3. rays of light get scatterd

5. the extent to which light is blocked

6. property of a material that indicates how much the speed of light is reduced

7. light passes through

8. light generated by electrifying a gas and converting UV light to visible light

9. like incandescent, but the gas in the bulb is fluorine or chlorine

14. light cannot pass through

20. individual rain drops refract light