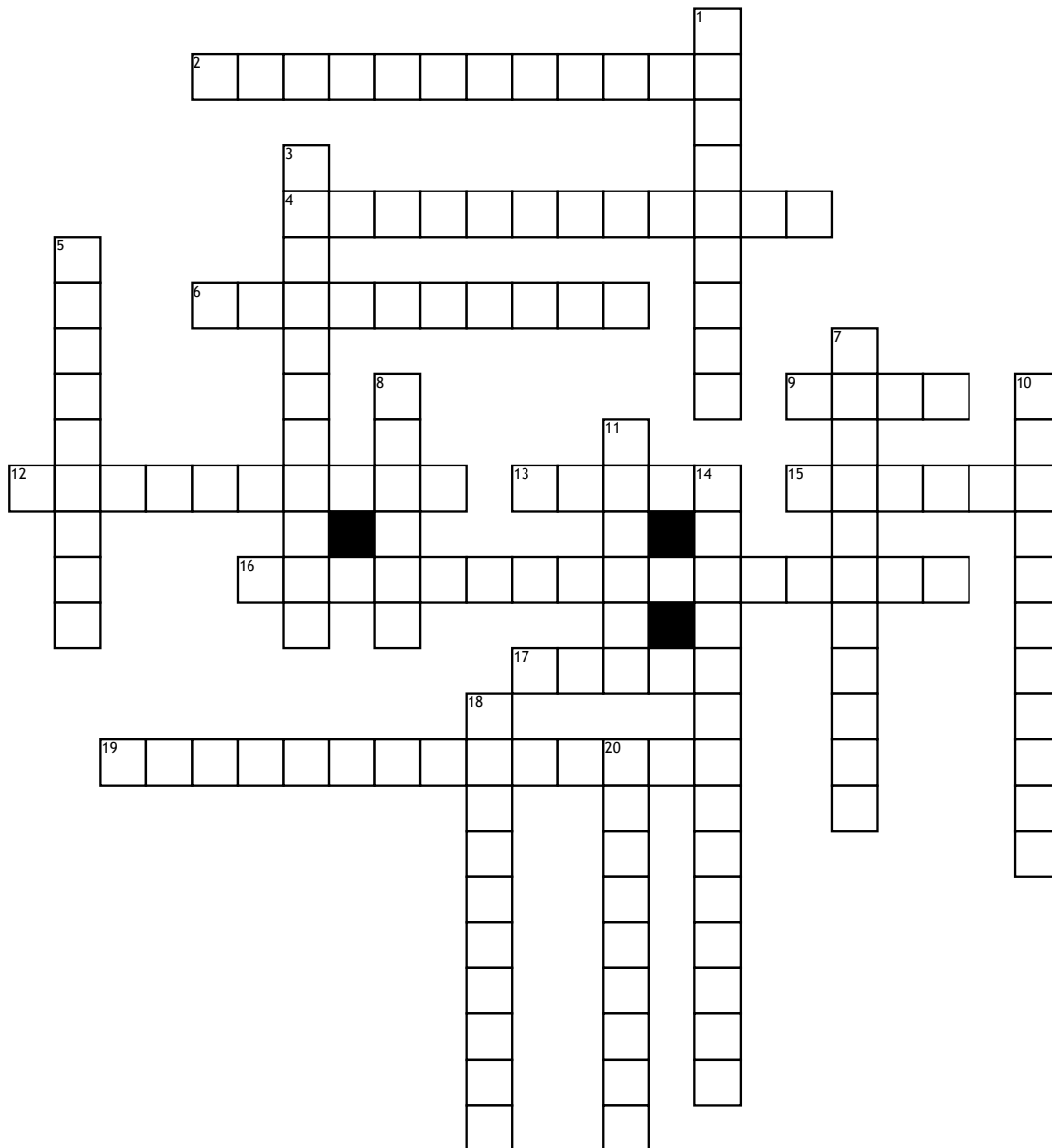


Name: _____

Date: _____

Tic Tac Toe



Across

2. wave when the wavelength and amplitude travel in different directions
4. when two waves collide
6. waves bouncing off a surface
9. Energy that travels through matter or space
12. bending of a wave
13. highest point in the wave
15. the matter through which a wave travels

16. energy that moves back and forth

17. where the interfering waves always canceled

19. waves that travel only through matter

Down

1. object vibrating at its natural frequency

3. bending of a wave around a barrier

5. number of waves in one second

7. part of a wave with particles far apart

8. lowest point in the wave

10. denser region of wave

11. the amount of time it takes for one wavelength to pass

14. energy that moves at a right angle

18. distance from one crest to the next

20. height of a wave