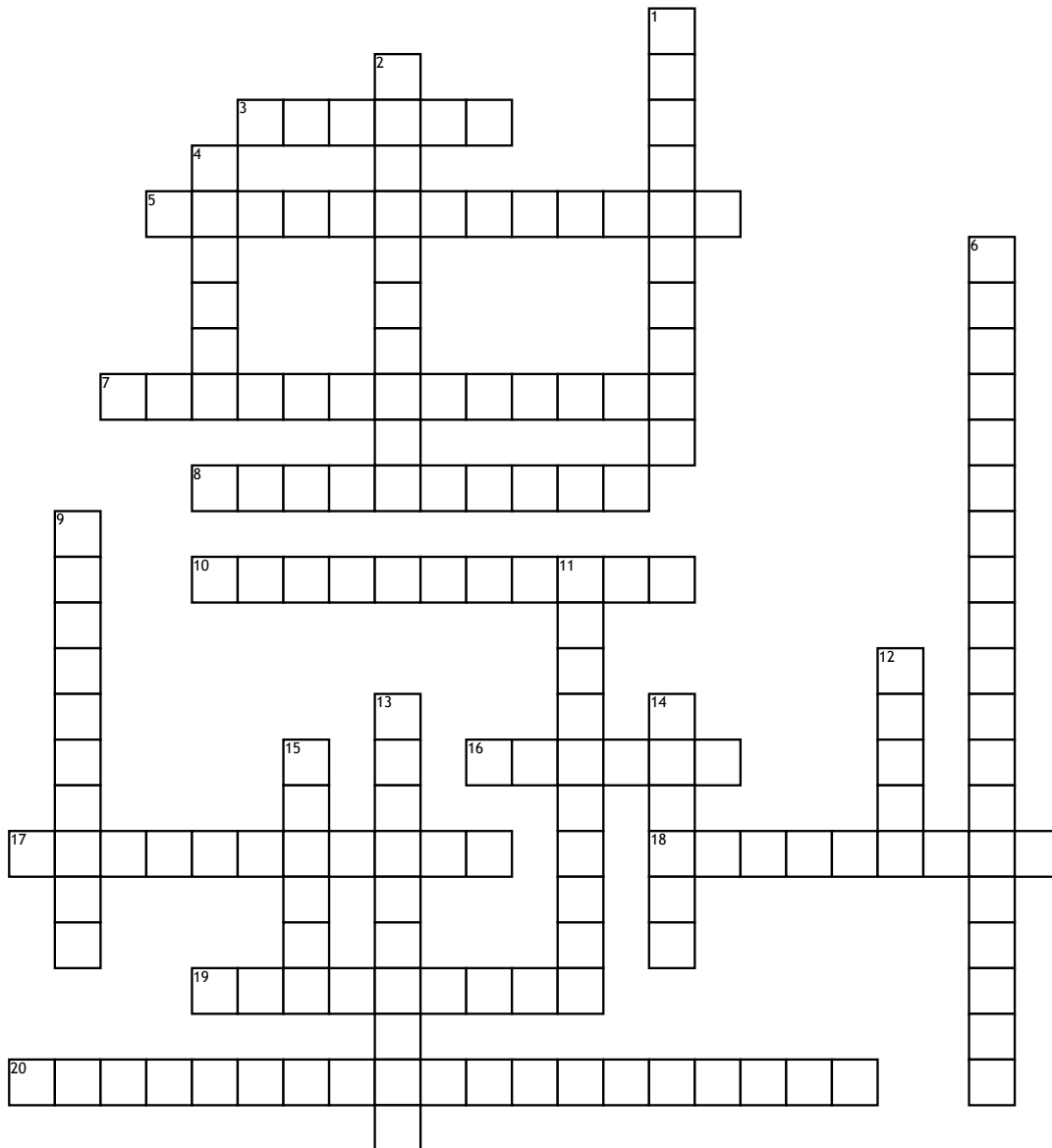


Name: _____

Date: _____

waves vocab



Across

3. waves carry...?
 5. medium vibrates _____ to the direction of transverse wave motion
 7. longitudinal waves the medium moves in the _____ as the waves motion
 8. when a wave strikes an object and it bounces off what occurred...?
 10. speed in a vacuum = ...?
 16. _____ has the highest energy (BIV)

17. bending of a wave as it moves around an obstacle or passes through a narrow opening is...?

18. wavelength and frequency are _____ related

19. what is the highest energy on the EM spectrum

20. AM =...?

Down

1. waves are caused by...?
 2. _____ waves produced by the motion of electrically charged particles
 4. mechanical waves must travel through ..?

6. FM=...?

9. bending of a wave as it passes from one medium to another at an angle is....?

11. _____ penetrate food and vibrate water & fat molecules to produce thermal energy

12. _____ can penetrate soft tissue, but not bones

13. _____ have the lowest energy EM radiation

14. electromagnetic waves do not require a...?

15. mechanical waves CANNOT travel through a...?