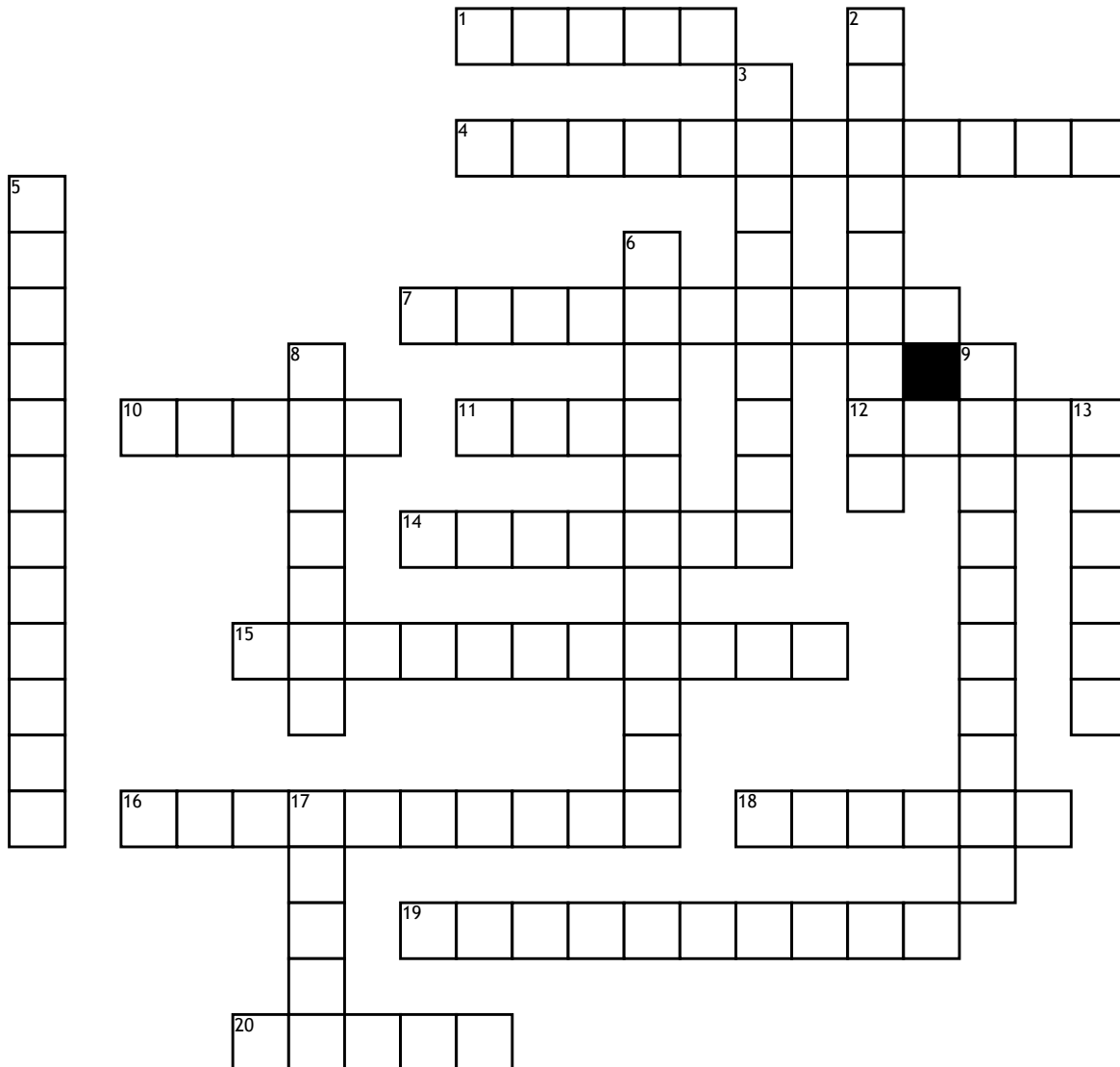


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# waves



## Across

1. Electromagnetic radiation . part of the Em spectrum
4. Wave passing through an object
7. Waves that required a medium
10. how fast an object moves
11. A disturbance that transfers energy from place to place
12. High point on a transverse wave.
14. A wave that travel along the surface separating two media
15. The bending or spreading of waves as they move around a barrier or pass through an opening

16. Bending of waves due to change in speed

18. The time for once cycle or a complete motion that returns to its starting point

19. The distance between two corresponding parts of a wave

20. Longitudinal waves that travel through a medium and cause your eardrum to vibrate

## Down

2. The response of a standing wave to another wave of same frequency

3. The maximum distance the medium vibrates from the rest position

5. Vibrates the medium in the same direction in which the waves travels

6. Particles are far apart on a longitudinal wave.

8. Waves of energy traveling through rock

9. Waves bounced back after hitting a barrier

13. Low point on a transverse wave.

17. Are transverse wave