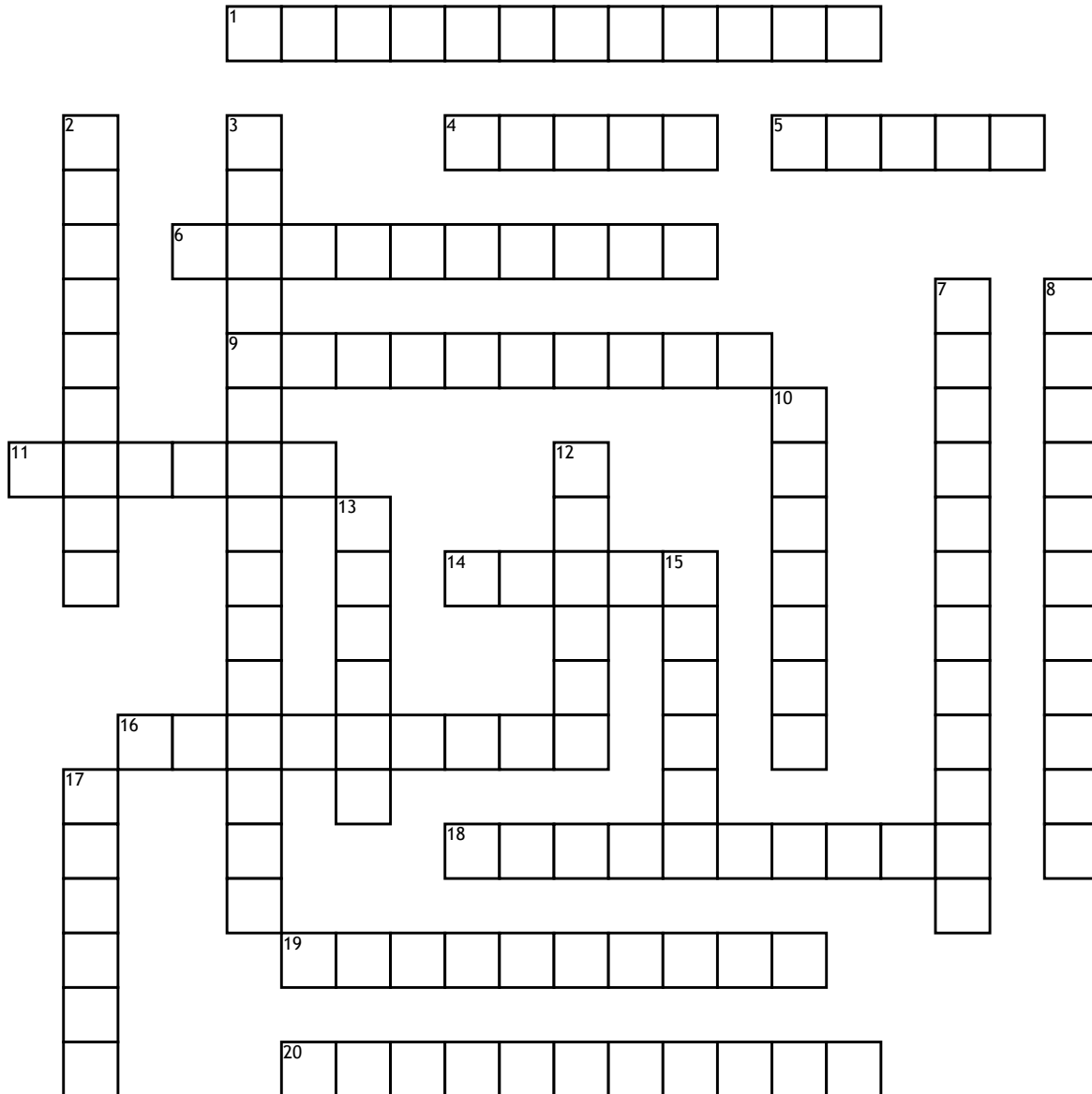


Name: _____

Date: _____

WAVES



Across

1. particles of the medium vibrate parallel to the direction of the wave motion
4. a vibration that spreads through space
5. the unit of frequency
6. waves that need a medium to propagate
9. the particles of the medium vibrate perpendicular to the direction of wave motion
11. the time it takes to complete a wave cycle

14. the highest point in a transverse wave

16. the number of wave cycles completed per unit time

18. shaking underneath the ground

19. is the length of one complete wave cycle

20. particles are stretched away from each other

Down

2. how fast the wave travel from one point to another

3. waves that do not need a medium to propagate

7. waves that combine the motion of longitudinal and transverse wave

8. particles are pressed together

10. earthquakes are propagated through space in the form of _____ waves

12. waves are carriers of _____

13. any matter where waves can pass through

15. the lowest point in a transverse wave

17. waves do not carry _____ with them