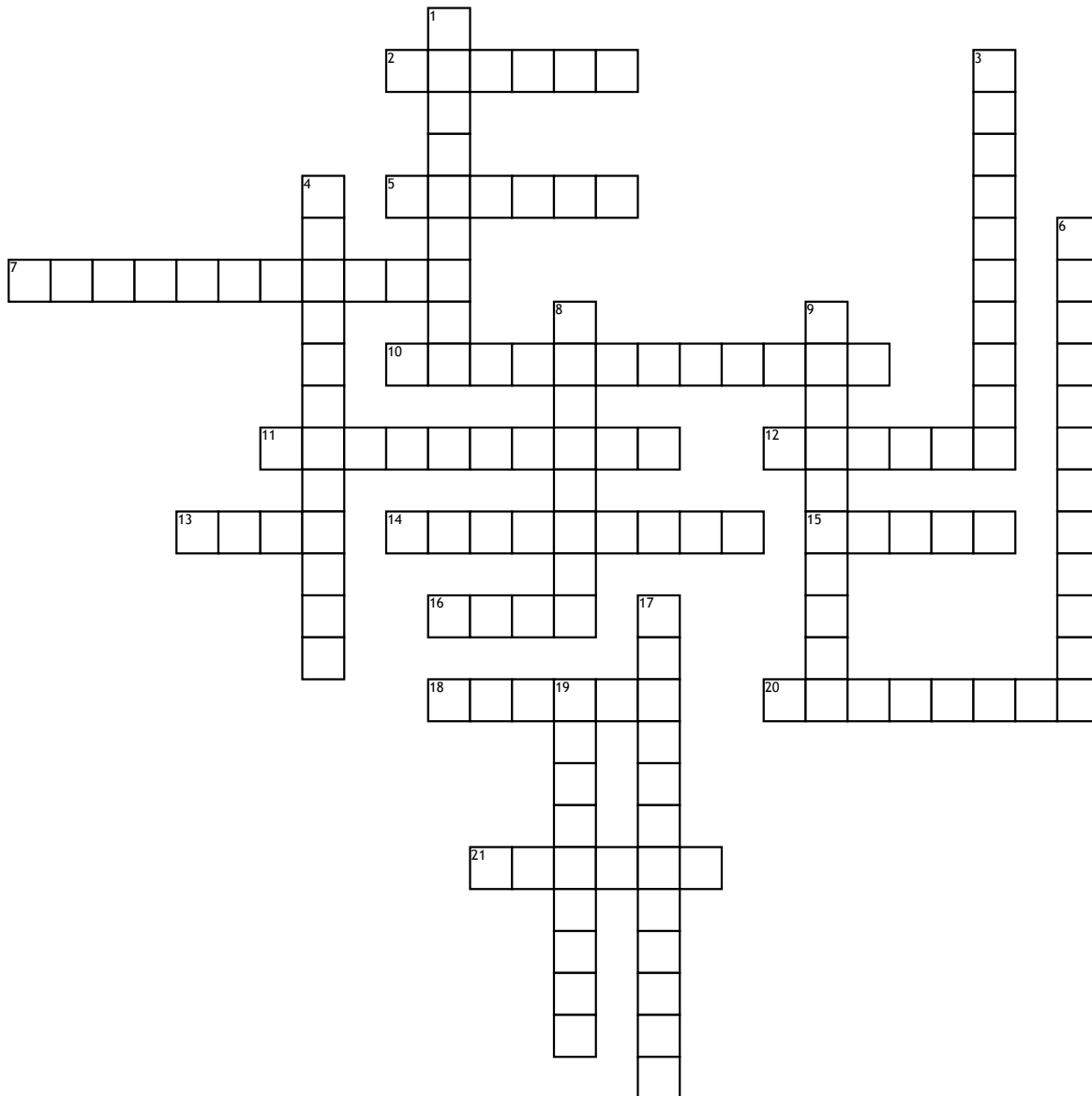


Name: _____

Date: _____

Waves



Across

2. the material in which a wave travels through
 5. the ability to do work or cause change
 7. when a wave spreads out after moving through or around a barrier
 10. the waves produced by earthquakes
 11. when an object hits a surface it cannot pass and bounces back
 12. the low part of a transverse wave
 13. points of zero amplitude on a standing wave

14. the number of complete waves that pass a given point in a certain amount of time

15. the high part of a transverse wave

16. a disturbance that carries energy

18. transverse seismic waves

20. points of maximum amplitude on a standing wave

21. longitudinal seismic waves

Down

1. an increase in the amplitude of a vibration that occurs when external vibrations match an object's natural frequency

3. the distance between two corresponding parts of a wave

4. the interaction between waves that meet

6. two waves passing through each other that looks like it is in one place

8. the maximum distance that the particles of the medium carrying the wave move away from the rest position

9. bending of waves due to a change of speed

17. electromagnetic waves you can see

19. a repeated up and down or left to right motion