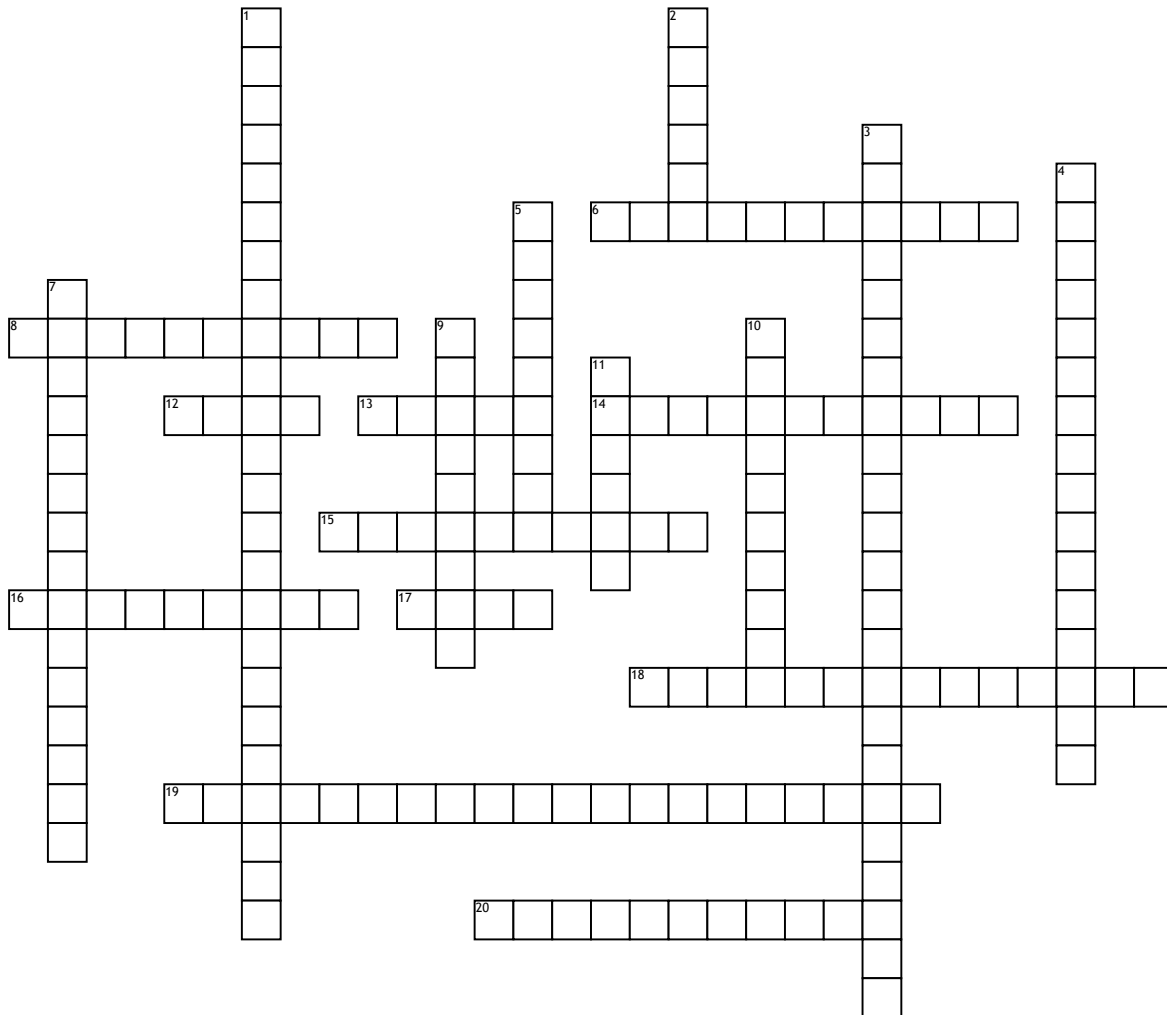


Name: _____

Date: _____

Properties of Waves Vocabulary



Across

6. when waves are compressed together.

8. when a wave bounces back after hitting a barrier.

12. any disturbance that transmits energy through matter or an empty space.

13. the highest point on a wave.

14. when waves spread more apart.

15. the distance from any point on a wave to an identical point on the next wave.

16. the speed at which the wave travels.

17. sounds caused by the reflection of sound waves from a surface back to the listener.

18. waves that move in an up and down motion compared to the motion of energy.

19. waves that transfer energy without a medium.

20. the bending of waves around a barrier or through an opening.

Down

1. when crests of two waves of different amplitude combine to form.

2. a substance, which can be a solid, liquid, or gas, that waves travel through.

3. when two waves with the same amplitude combine and cancel each other out.

4. waves that move in the same direction as the matter and energy move.

5. related to the energy carried by a wave.

7. waves that transfer energy as particles (bump into one another.)

9. the number of waves produced in a given amount of time.

10. the bending of a wave as the wave passes from one medium to another.

11. the lowest point on a wave.