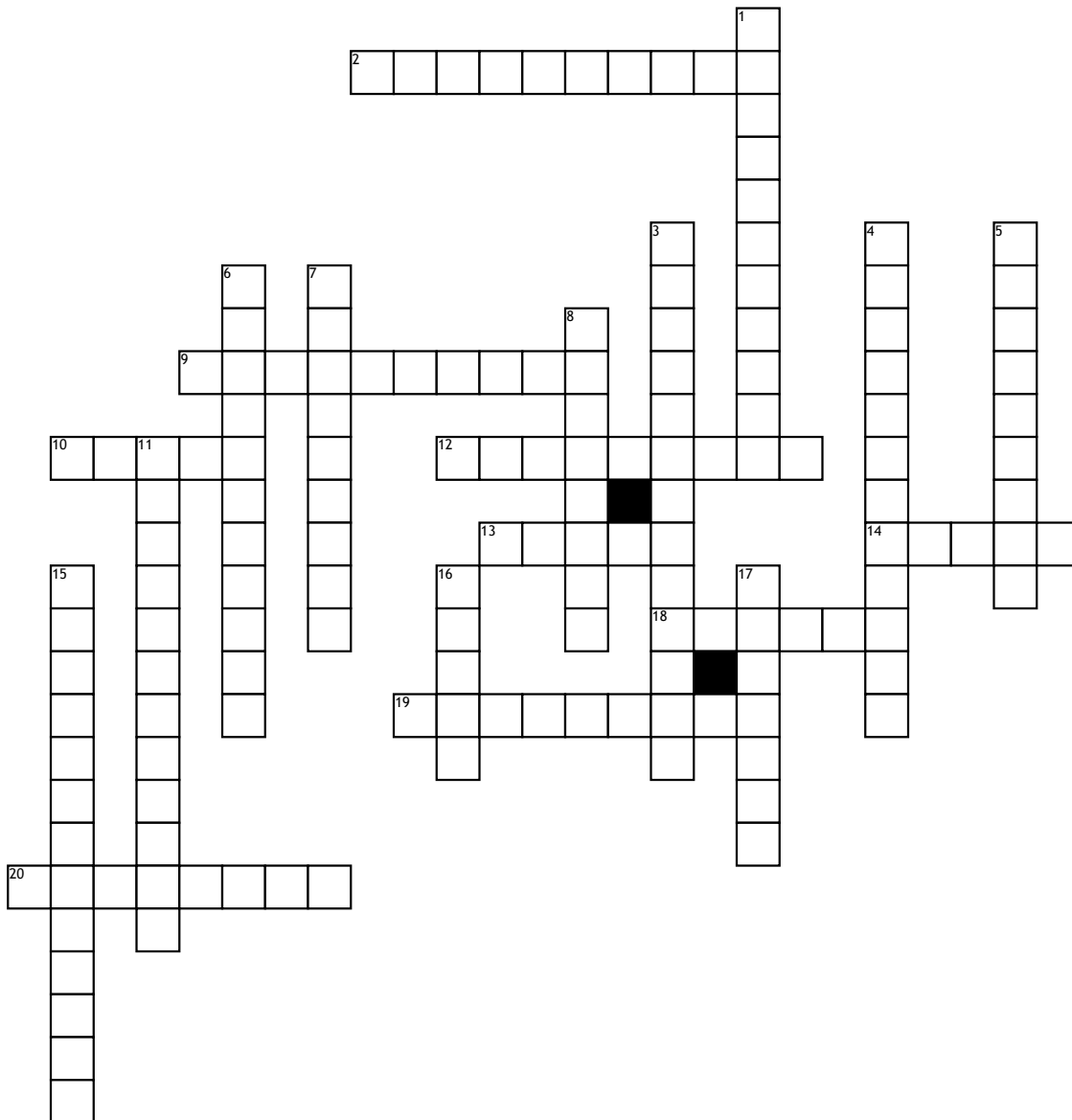


8th Grade Review



Across

2. This type of wave does not need a medium to travel

9. A pencil seems to bend as it enters the water, this is called _____

10. Light bends when it enters a new medium because it changes _____

12. In a series circuit, what happens to the current when you add more resistors (bulbs)

13. Molecules move faster and _____ when thermal energy is added.

14. An electrical component that controls the direction of the current

18. The positive sub atomic particle found in the nucleus of an atom

19. In a chemical cell, the electrodes must be _____

20. Acceleration is the rate of change of _____

Down

1. The AVERAGE kinetic energy of molecules in a substance

3. Speed that does not change

4. sound travels as a _____ wave

5. What is the height of a transverse wave called?

6. An example of instantaneous speed is

7. Velocity is speed and _____

8. If you decrease the wavelength the frequency will

11. When animals use sound waves to locate objects

15. The TOTAL kinetic energy of molecules in a substance

16. Sound travels fastest through which medium?

17. The force that pushes electrons around a circuit