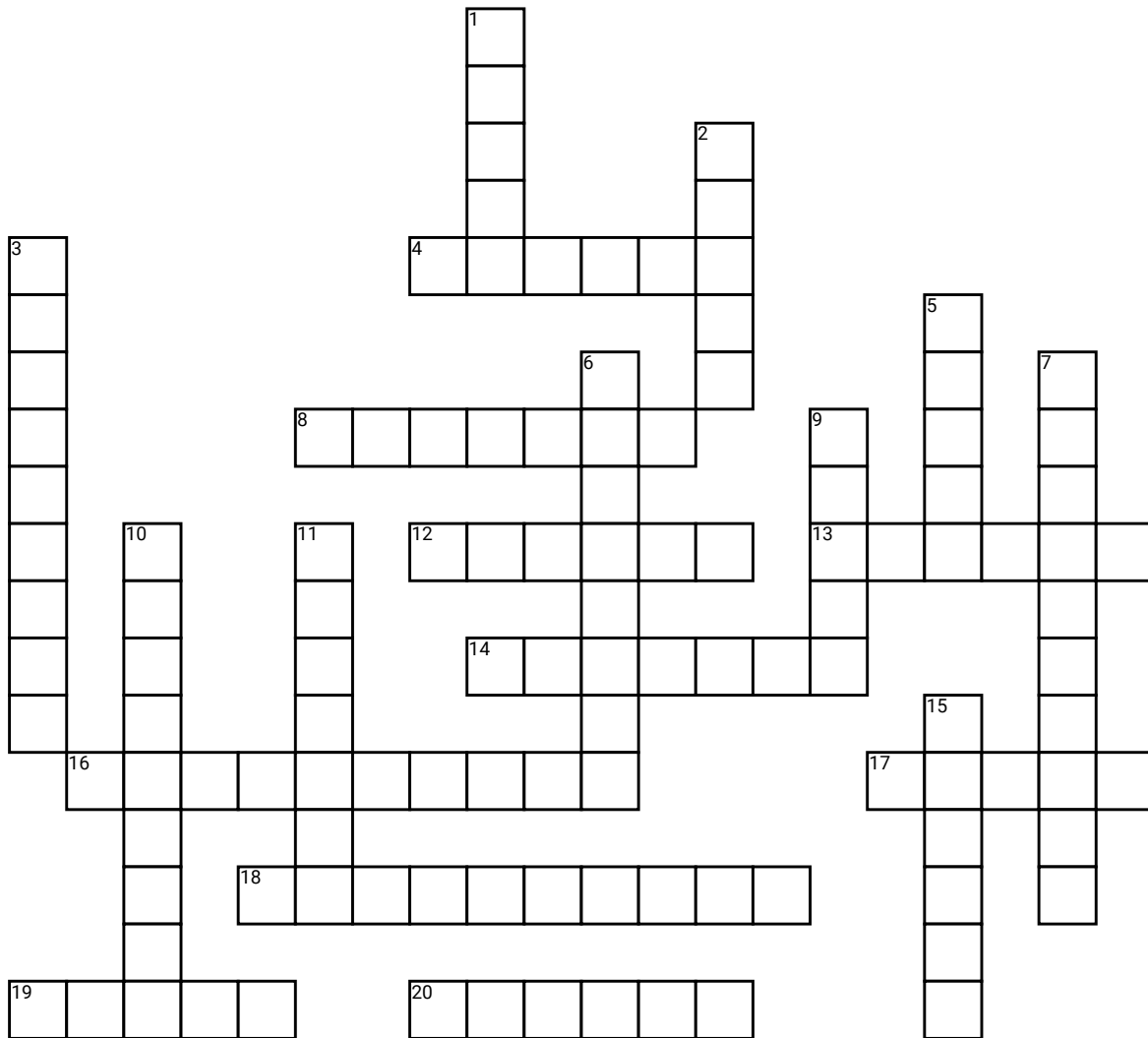


Name: _____

Waves Review



Across

4. Sound travels the fastest through which medium?
8. The sky is blue because particles in the sky _____ the sunlight into blue, indigo, and violet.
12. Earthquakes, sound, and light waves all transmit _____.
13. The hammer, anvil, and stirrup are known as the _____ ear bones.
14. The _____ converts sound waves to electrical signals for the brain.
16. Adding thicker strings to a guitar would change the _____ made by the guitar.

17. The _____ nerve sends electrical signals to the brain?
18. An apple looks red because it is _____ the red wavelength.
19. Highest point of a transverse wave.
20. Black shirts _____ all frequencies of visible light.

Down

1. Which EM wave has the LEAST amount of energy?
2. Sound travels slowest through:
3. Waves that are closer together have a higher _____.

5. In space, _____ does not travel because it is a vacuum and does not have molecules to transfer the energy.
6. A straw appears bent under water because water _____ light.
7. Light bouncing off glass is known as:
9. Which EM wave has the MOST energy?
10. The height/energy/volume of a wave is its:
11. Air from the lungs causes the vocal cords to _____ and produce sound.
15. Light cannot shine through an _____ object.