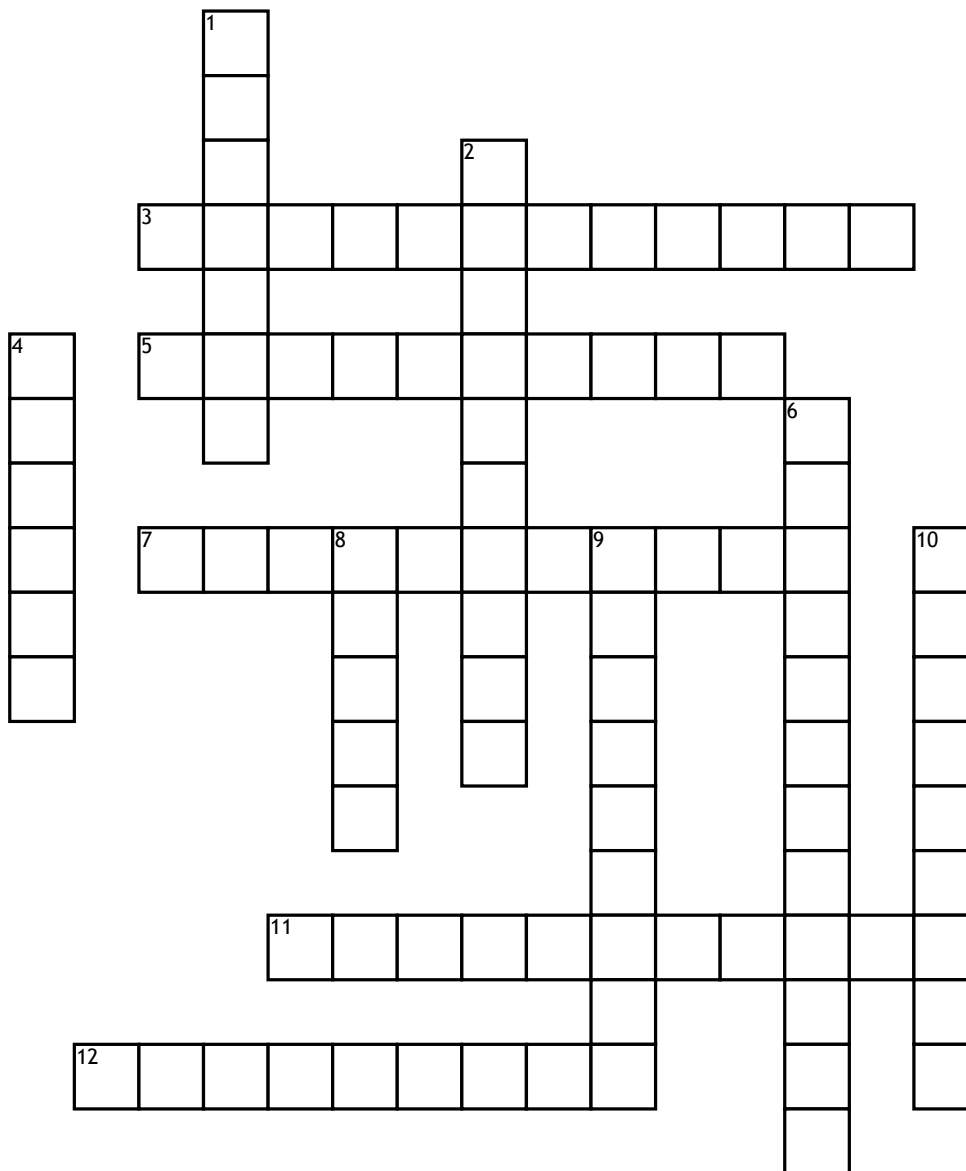


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Sound Waves and Hearing Crossword Puzzle!



## Across

3. These vibrate along the path of a longitudinal wave.

5. Is a sound wave electromagnetic or mechanical?

7. What is it called when a lot of particles are packed together in a longitudinal wave?

11. What is it called when the particles in a wave go back to the regular?

12. What is the height of the wave from the resting point to the crest, or the resting point to the trough?

## Down

1. What is the measurement of the loudness and pitch of a sound?

2. The type of wave that goes up and down not side to side?

4. What does a mechanical wave have to travel through?

6. What type of wave goes side to side and not up and down?

8. What are the different levels of loudness for sound called?

9. What is the main matter that travels in a longitudinal wave?

10. What is the amount of energy carried in a wave in a certain amount of time?