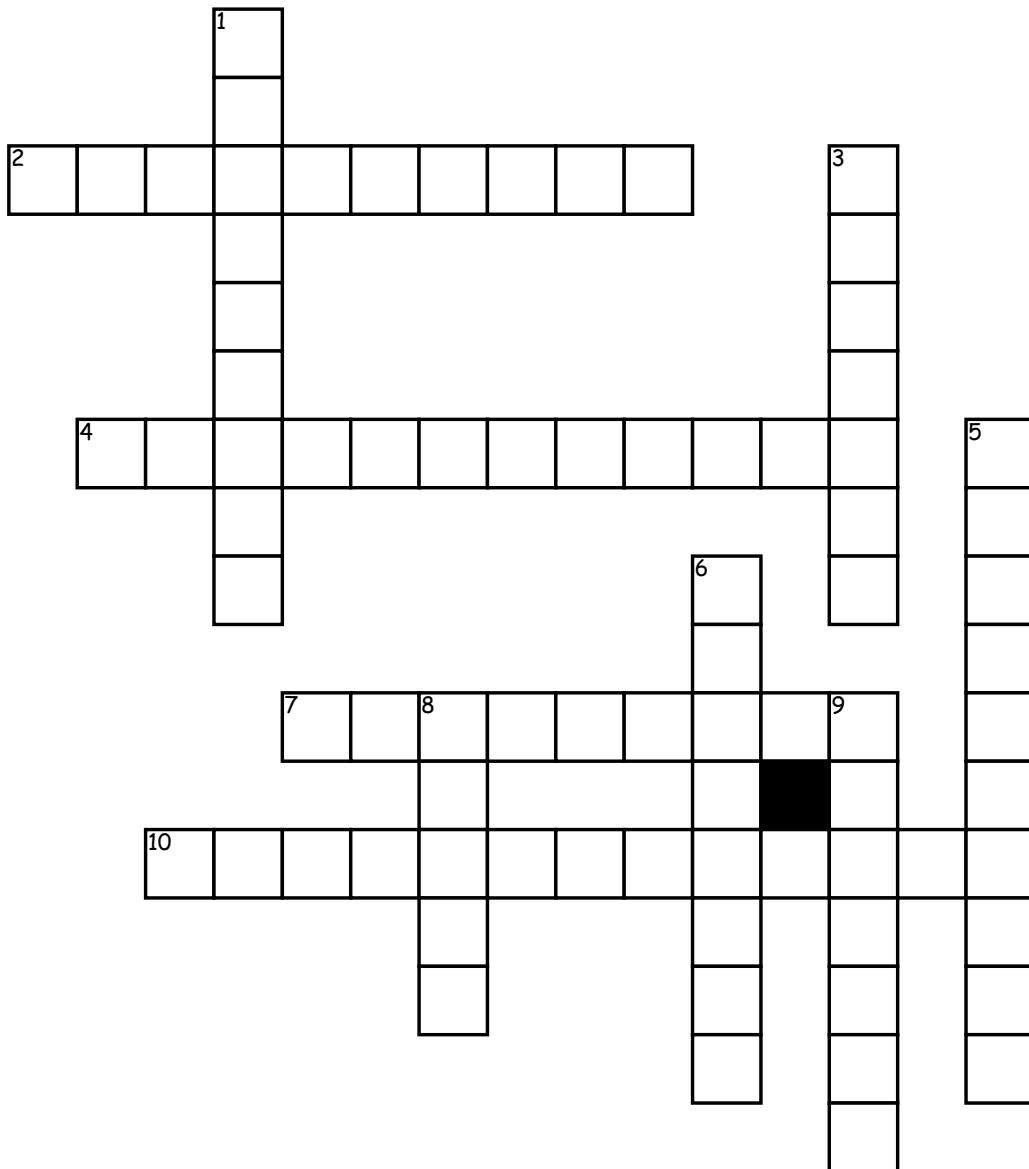


Name: \_\_\_\_\_

# Sound



## Across

2. The length of one wave (the distance between the same point on adjacent waves)

4. A type of wave where the direction of particle vibration is parallel to the direction of energy transfer

7. The height of the wave

10. The part of the ear which carries signals from sound to the brain

## Down

1. The number of complete waves which pass a point per second

3. The "Snail shell" organ of the inner ear which contains follicles (hairs)

5. A type of wave where the direction of particle vibration is perpendicular (90 degrees) to the direction of energy transfer

6. The amplitude of the wave gives you this characteristic of the sound

8. The frequency of the wave gives you this characteristic of the sound

9. Thin layer of skin separating middle and inner ear