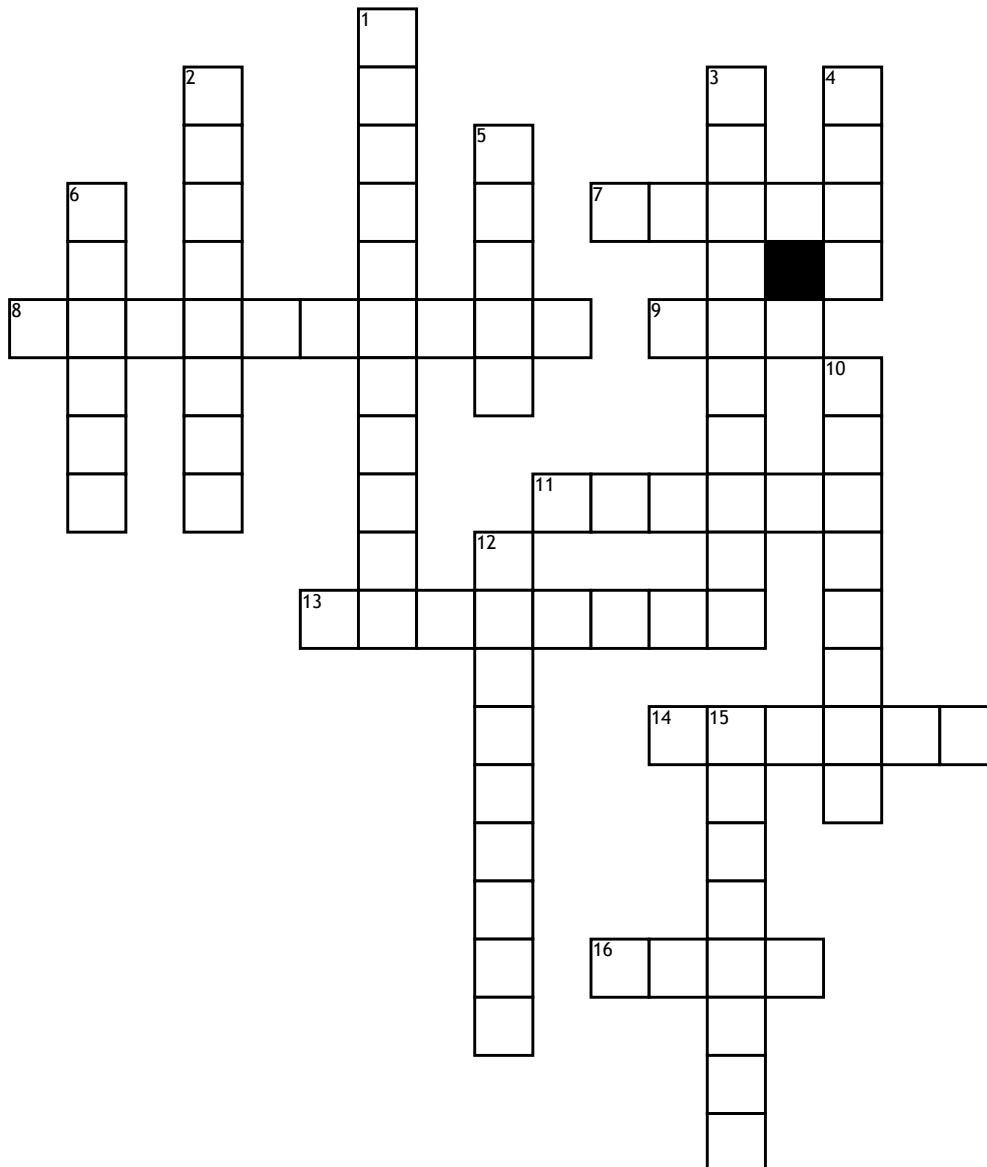


# Waves



## Across

7. Property of sound affected by frequency  
 8. Type of waves where the energy moved parallel to the particles  
 9. Used to show the direction that light travels  
 11. Property of sound affected by amplitude  
 13. Light with a frequency lower than visible light

14. The lowest part of a wave

16. The highest part of a wave

## Down

1. Area of longitudinal wave where the particles are close together  
 2. Objects which emit their own light  
 3. Sound above the range of human hearing

4. A reflected sound

5. Equipment used to split white light

6. The time taken for one oscillation

10. What white light can be divided into

12. The number of oscillations in 1s

15. How light behaves when it enters a medium of a different density