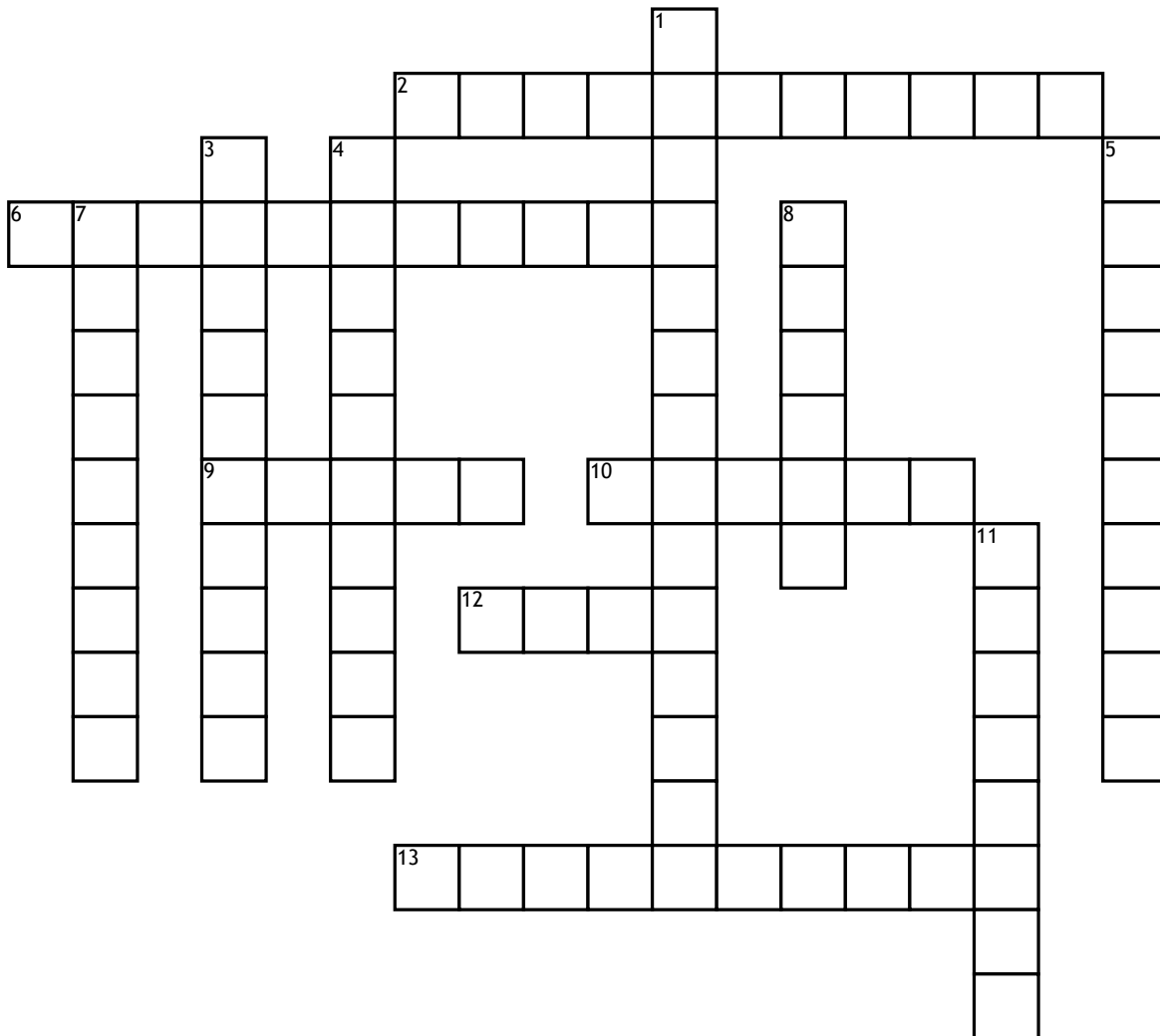


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Sound and waves



## Across

2. The squeezed together part of a wave.  
 6. part of the compressional wave where the particles are spread apart  
 9. The highest surface part of a wave.  
 10. the lowest point of a transverse wave  
 12. a propagating dynamic disturbance of one or more quantities,

13. a change in direction of waves when they bounce off a barrier

## Down

1. a wave vibrating at right angles to the direction of its propagation  
 3. bending and speed change of a wave as it passes at an angle from one medium to another  
 4. the distance between identical points (adjacent crests) in the adjacent cycles of a waveform

5. cause waves - a regular pattern of motion that disturbs the things around it

7. the distance from the centre line (or the still position) to the top of a crest or to the bottom of a trough .  
 8. the matter that a wave is going through  
 11. the number of waves going past a given point in one second, measured in Hertz