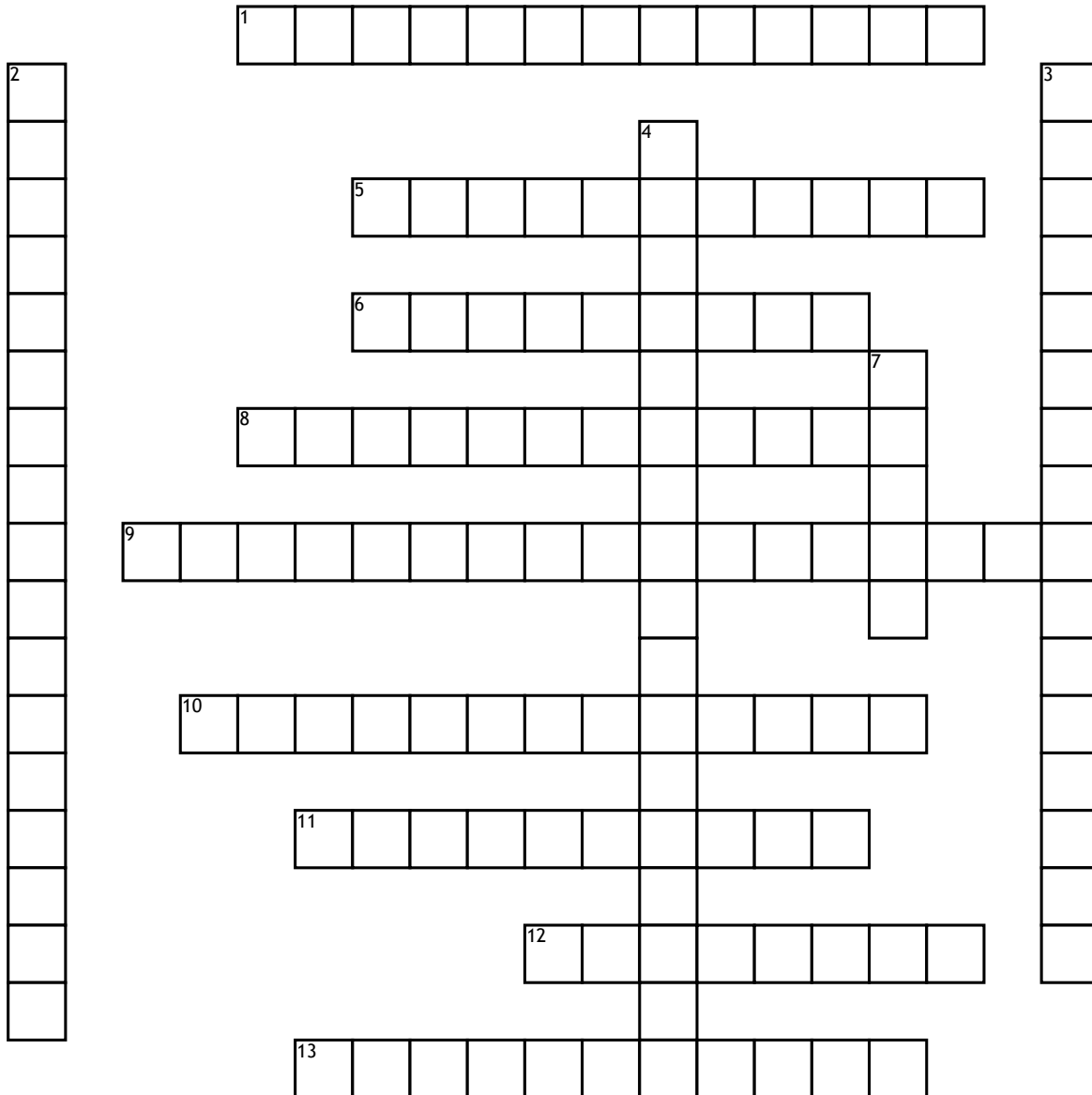


Name: \_\_\_\_\_

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

# IPC



## Across

1. a converging or parabolic mirror on which reflected rays converge at the focal point
5. a space in which particles have been pushed together
6. the maximum displacement of particles during wave motion
8. a wave in which wave energy causes both transverse and longitudinal motion
9. the angle between the normal and the refracted ray

10. the range of frequencies humans can hear

11. a harmonious sound created by the interference of waves
12. the border where 2 different media come into contact
13. a diverging lens thinner in the middle than at the edges which causes refracted rays to diverge producing a virtual image

## Down

2. the angle between the normal and the reflected ray
3. the angle between the normal and the incident ray
4. the center of an imaginary circle of which the mirror or lens is an arc
7. a series of alternating reinforcements and cancellations produced by the interference of the waves of different frequencies