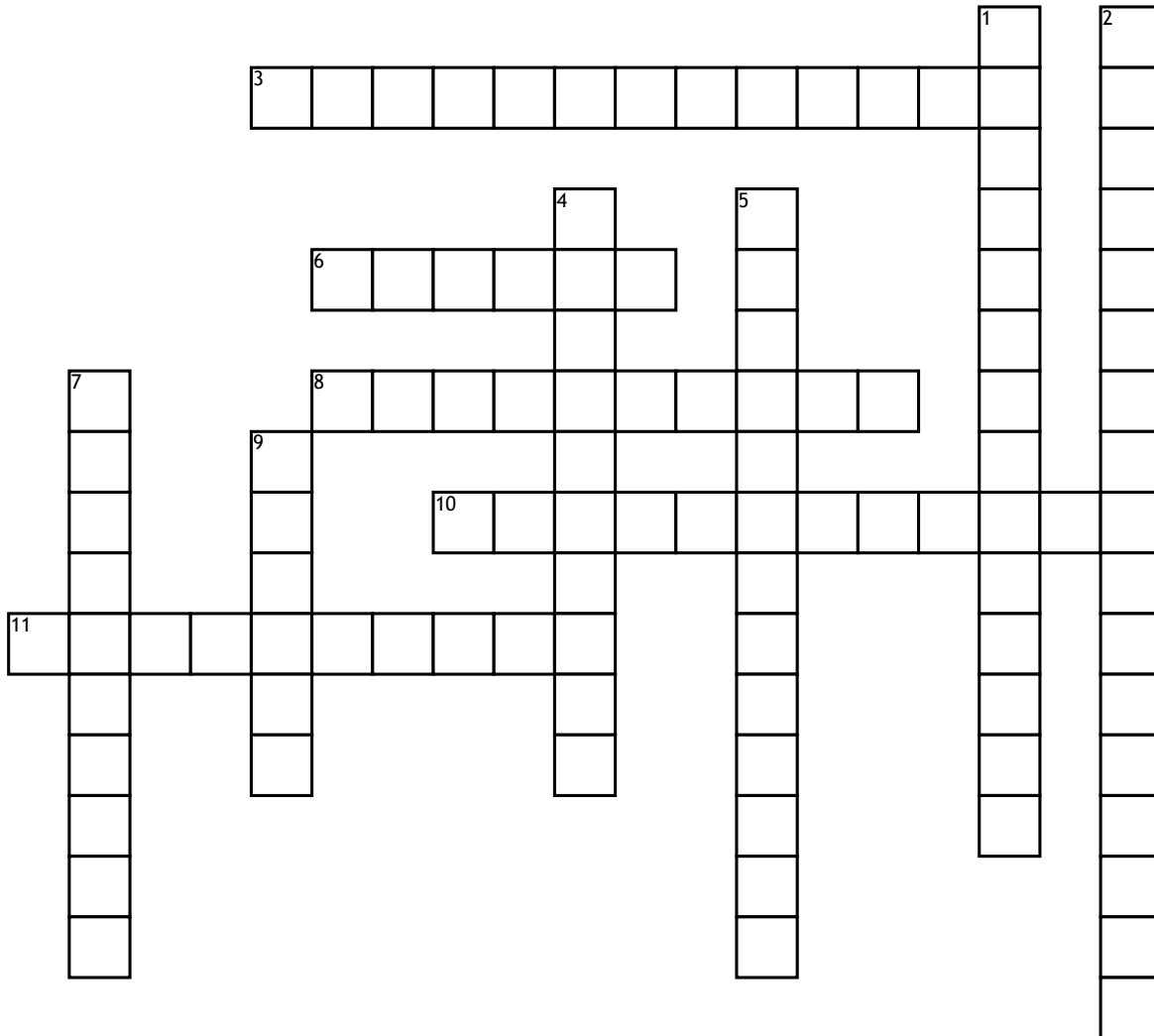


# Physics Light and Optics



## Across

3. angle of incidence that results in the light being refracted at an angle of  $90^\circ$  with respect to the normal.  
 6. Perpendicular line to the surface of a medium  
 8. Separation of light into colors  
 10. Produced by plane mirrors  
 11. Waves bending due to slowing down or speeding up

## Down

1. Multiple reflections of sound  
 2. When light is scattered due to the surface of an object  
 4. Lines that represent waves in a diagram  
 5. transparent fibers that pipe light from one place to another  
 7. Return of a wave back into its original medium  
 9. Distorted image