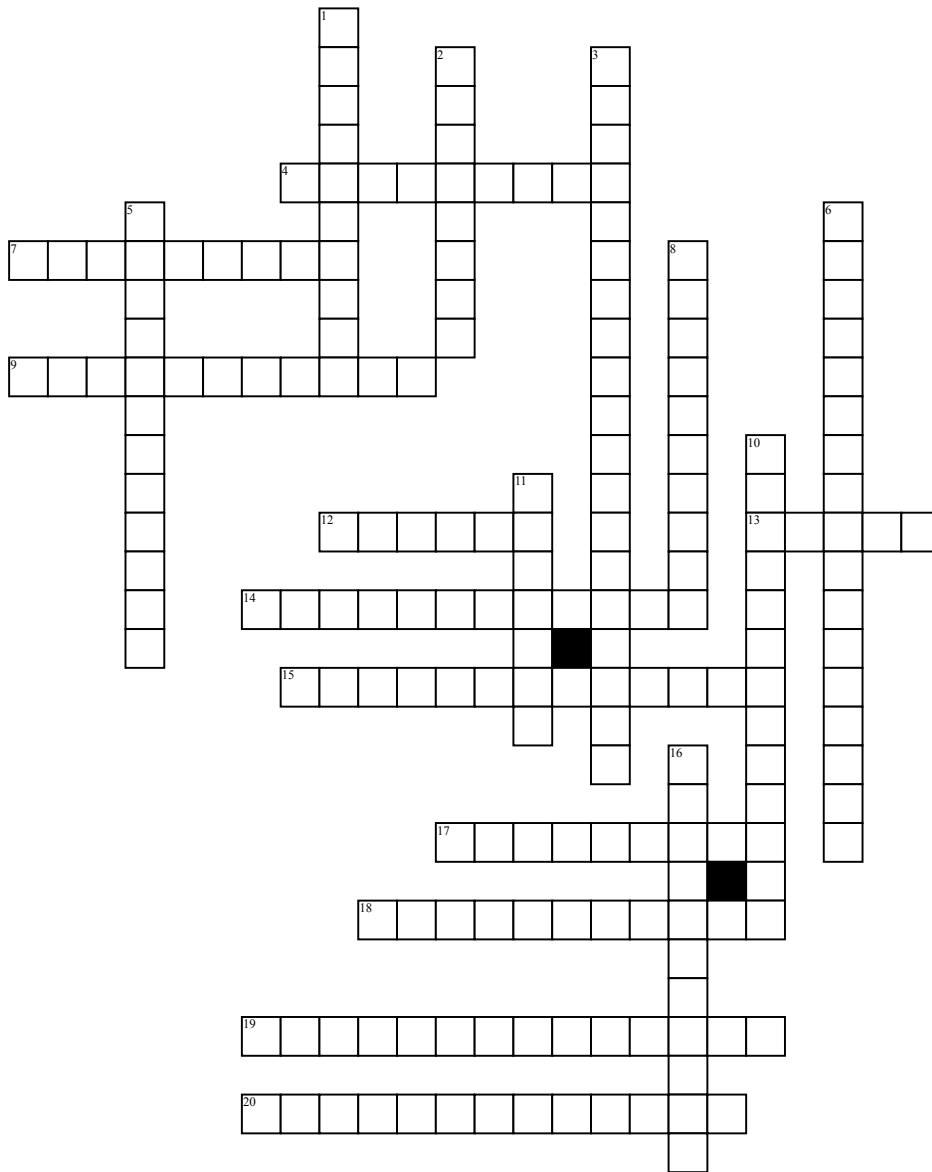


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Physic Vocabulary



## Across

4. a pressure variation that is transmitted through matter  
7. the law that explains the reduction of light intensity as it passes through a second polarizing filter  
9. a medium that transmits light and also can reflect a fraction of the light, allowing objects to be seen clearly through it  
12. a medium that absorbs light and reflects some light rather than transmitting it, preventing objects from being seen through it  
13. the highness or lowness of a sound wave, which depends on the frequency of vibration  
14. image formed by diverging light rays

15. a reflective surface, the edge of which curve toward the observer  
17. Real Image- an image that is formed by the converging of light rays  
18. a medium that transmits light and also can reflect a fraction of the light, but does not allow objects to be seen clearly through it  
19. an object, such as the sun or an incandescent lamp, that emits light  
20. is how much larger or smaller the image is relative to the object

## Down

1. a pleasant set of pitches  
2. sound that was perceived by our senses of hearing, and primarily depends on the amplitude of the pressure wave  
3. makes an image looks fuzzy, not sharp

5. the rate at which light energy is emitted from a luminous source  
6. an object, such as the moon, that becomes visible as a result of the light reflecting off it  
8. an unpleasant set of pitches  
10. the change in the frequency of sound caused by the movement of either the source, the detector, or both the detector and the source  
11. the unit of measurement for sound level  
16. is a flat, smooth surface from which light is reflects by specular reflection