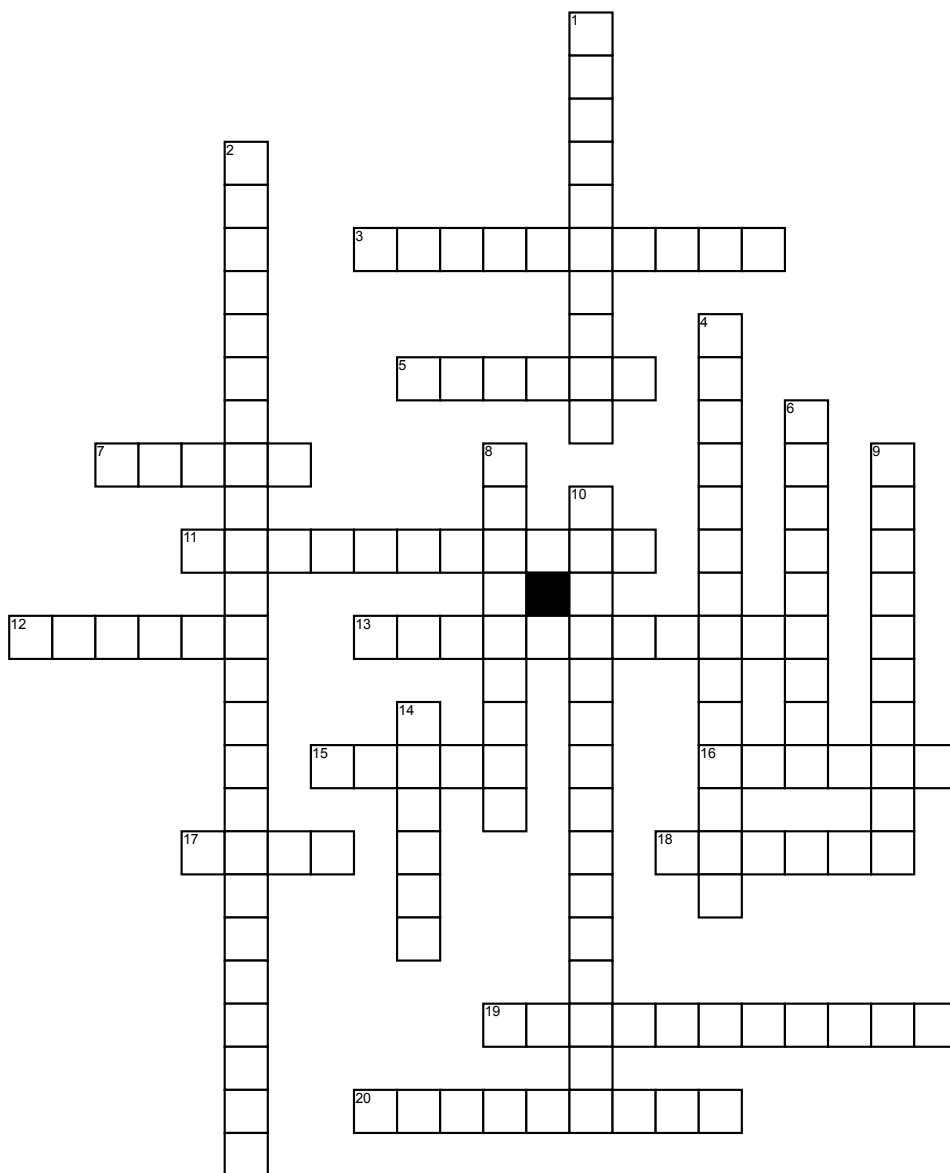


PS.8 & PS.9 Crossword



Across

3. The bending of wave, caused by the wave changing speed.
 5. A tiny particle-like bundle of radiation..
 7. the highness or lowness of a sound.
 11. The separating s beam of light into its component parts.
 12. No light can pass through.
 13. Can see clearly through the item.
 15. The highest point of a wave.
 16. The ability to cause change.

17. An electromagnetic wave that has a wavelength shorter than ultraviolet radiation.
 18. The lowest point of a wave.
 19. Only a little light can pass through.
 20. The number of wave crest that pass a given point in a second.
Down
 1. Occurs when a waves hits something then bounces off.
 2. Superposition of waves resulting in a combined waves with a larger amplitude than component waves.

4. The theory that light is composed of tiny particles called particles.
 6. The distance from the rest position of the medium to either of the crest.
 8. The amount of energy in a sound wave.
 9. The distance between identical points.
 10. A type of wave in which matter vibrates in the same direction as the wave.
 14. a material through which a wave travels.