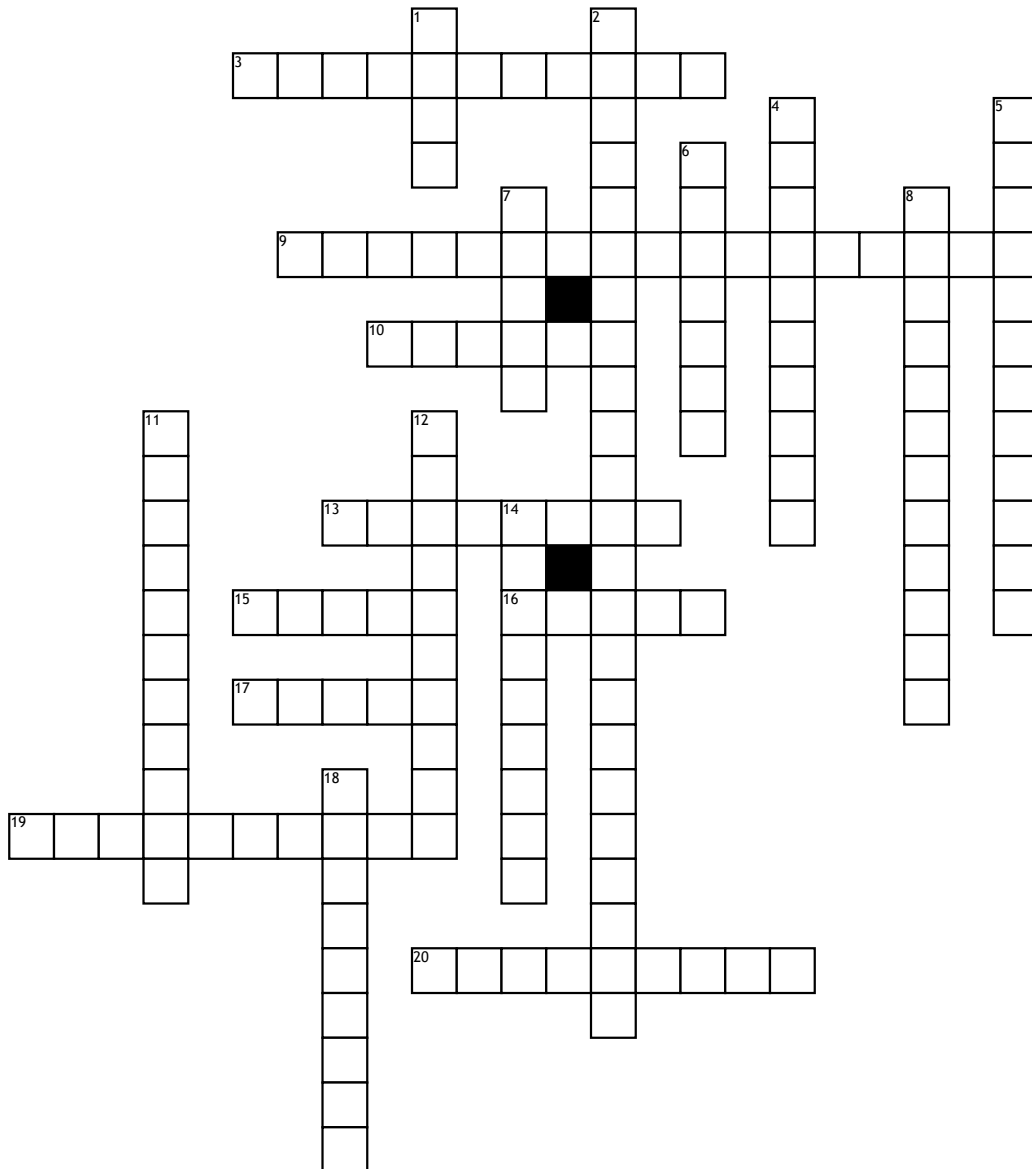


# Waves Crossword Puzzle



**Across**

- 3. EM wave that causes a sunburn
- 9. Light hits a smooth surface and bounces at same angle but different direction.
- 10. Material that waves travel through
- 13. EM wave that helps us detect heat
- 15. EM wave with the highest frequency and lowest wavelength

16. An object that refracts light into the colors of the rainbow

17. Top of a wave

19. Take in

20. Amount of waves that occur per minute

**Down**

1. Disturbance of energy

2. The entire range of EM waves in order by increasing frequency.

4. The length of a wave

5. Pass through

6. Bounce off

7. EM wave with the lowest frequency and highest wavelength

8. The EM wave that we can see

11. Light hits a rough surface and scatters

12. The bending of light as it passes through an object

14. The height of a wave

18. EM wave used to cook your food