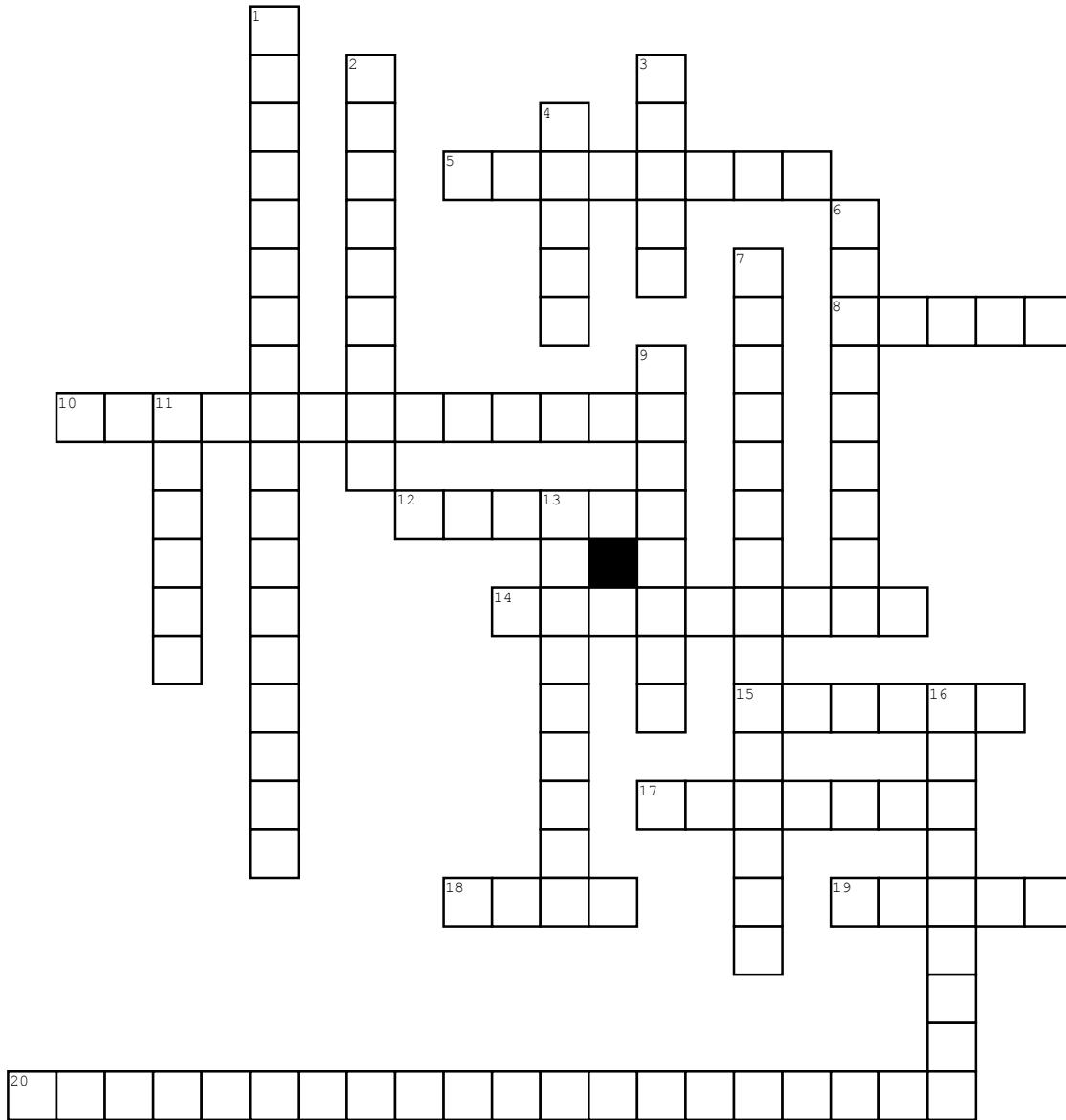


Electromagnetic waves



Across

5. Range of all types of EM radiation
 8. The letter c is considered the ____ of light.
 10. Repeated echoes of sound are.
 12. Speed through a non-vacuum is slightly
 14. The higher frequencies are
 15. _____ increases as frequency increases
 17. When sound waves reach the middle ear they vibrate the.
 18. A reflected sound wave

19. Used to screen passengers at airports
 20. Transmit energy through a vacuum

Down

1. Every object will vibrate at certain frequency
 2. As frequency decreases, wavelength _____.
 3. How high or low it sound
 4. Frequency is usually measured in _____.

6. Occurs when an object is made to vibrate at its natural frequencies by absorbing energy from a sound wave or another object vibrating at these frequencies .
 7. Reason skin tans and burns
 9. The human body emits _____ waves.
 11. Empty space
 13. _____ is measured in meters
 16. What type of EM wave has the shortest wavelength?