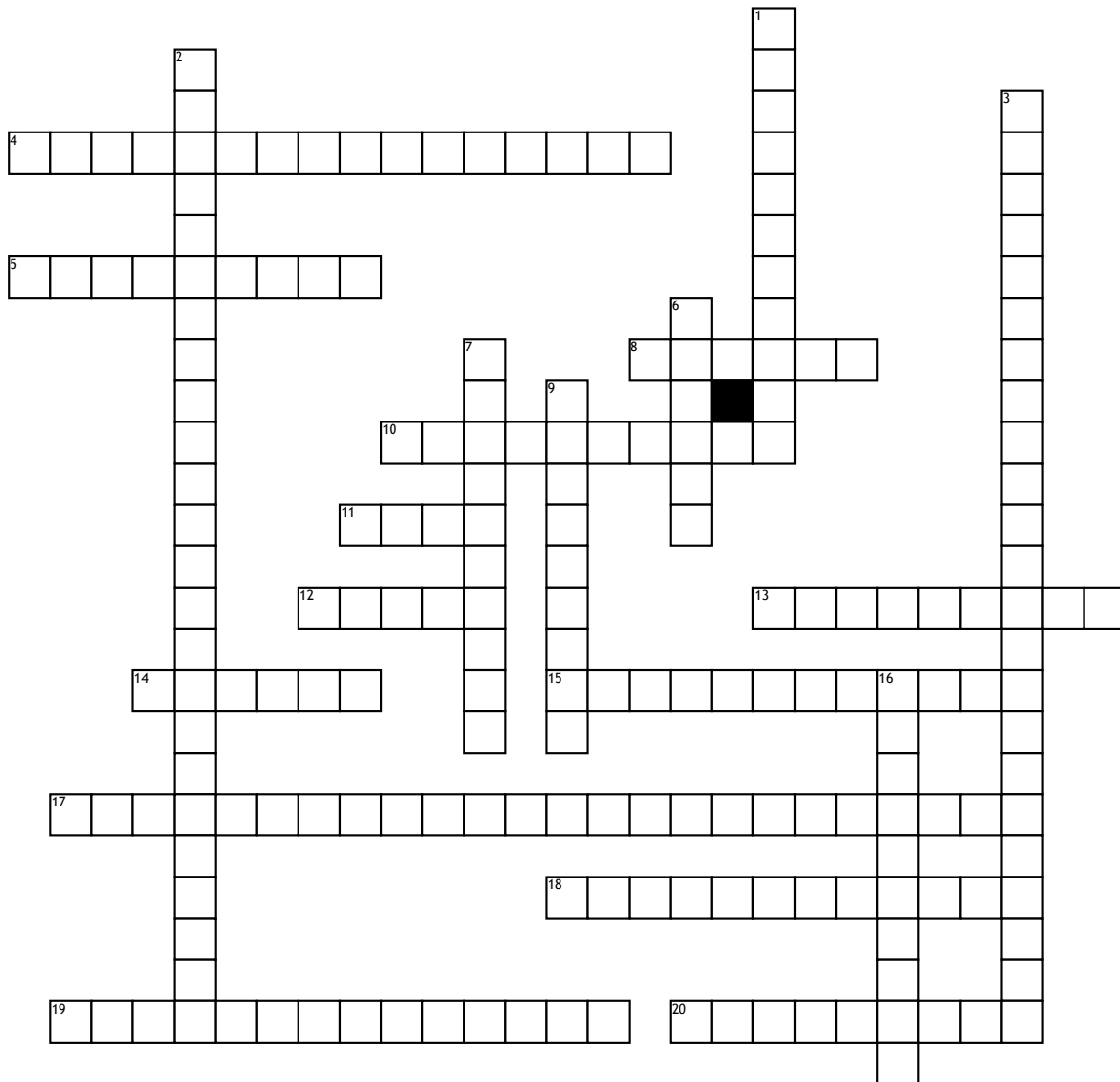


Waves



Across

4. wave pulse that vibrates parallel to the direction of wave
 5. measure of how far, regardless of direction, its quantity differs from zero
 8. DOESN'T move with wave, wave passes THROUGH
 10. tendency of a wave to bend when going from one medium to another due to change in wave speed
 11. rhythmic disturbance that carries energy through matter or

12. point on a wave with the maximum value of upward displacement within a cycle
 13. number of complete oscillations a wave completes each cycle
 14. minimum or lowest point of a cycle
 15. wavelength x frequency
 17. waves displace in some direction
 18. when two waves interact
 19. wave pulse that vibrates perpendicular to the direction of wave
 20. vertical distance between a peak

Down

1. tendency of a wave to bend around an object or through an opening
 2. waves combine to form a new wave
 3. waves meet displacement =0
 6. shortest time it takes a point on a wave to return to its original
 7. tendency of a wave to "bounce off" or turn back when it reaches boundary of object
 9. single disturbance or bump, that travels through a medium
 16. distance between successive crests of a