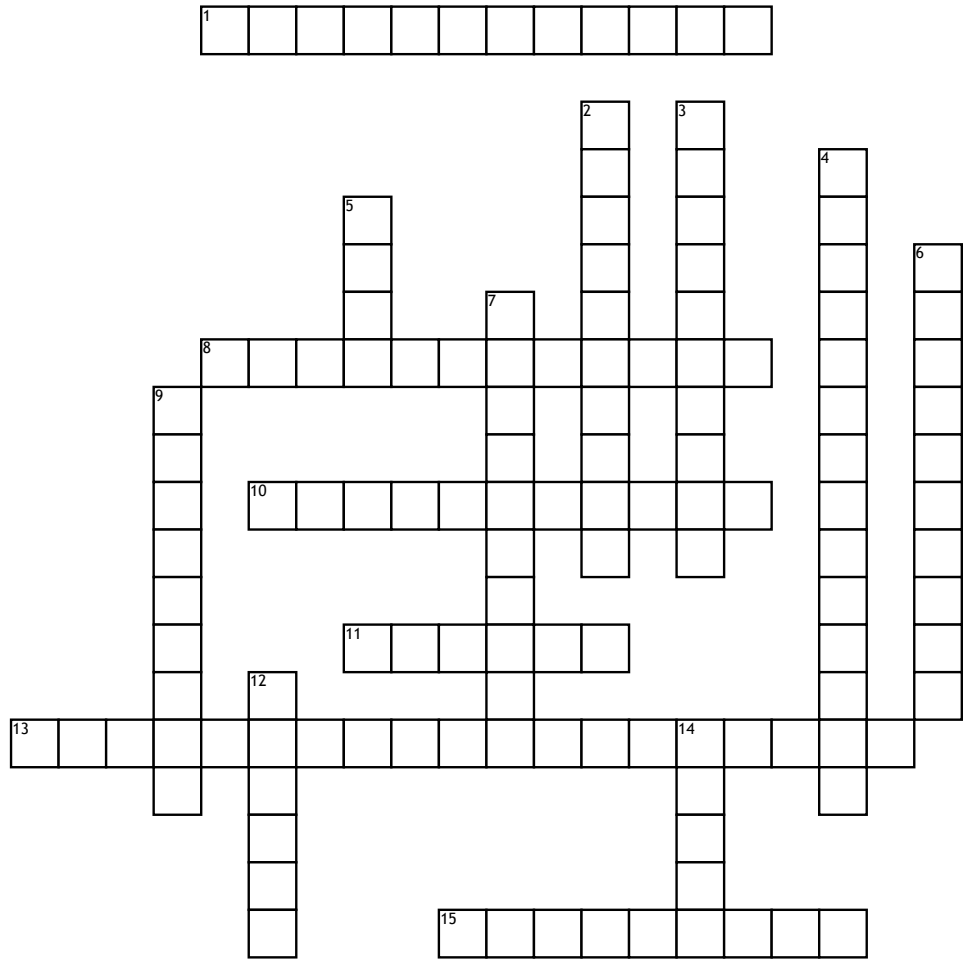


# Waves Crossword

## Across

1. THE PASSAGE OF LIGHT THROUGH AN OBJECT
8. OCCURS WHEN WAVES OVERLAP AND COMBINE TO FORM AN NO WAVE
10. THE CHANGE IN DIRECTION OF A WAVE WHEN IT TRAVELS BY THE EDGE OF AN OBJECT OR THROUGH
11. A MATERIAL IN WHICH WAVE TRAVEL
13. A TRANSVERSE WAVE THAT CAN TRAVEL THROUGH EMPTY SPACE AND MATTER
15. THE MAXIMUM DISTANCE A WAVE FROM ITS REST POSITION



## Down

2. THE DISTANCE BETWEEN ONE POINT ON A WAVE FIND THE NEAREST POINT JUST LIKE IT
3. THE CHANGE IN DIRECTION OF A WAVE AS IT CHANGES SPEED IN MOVING FROM ONE MEDIUM TO ANOTHER
4. A WAVE THAT CAN ONLY TRAVEL THROUGH MATTER
5. A DISTURBANCE THAT TRANSFERS ENERGY FROM ONE PLACE TO ANOTHER WITHOUT TRANSFERRING MATTER
6. THE TRANSFER OF ENERGY FROM A WAVE TO THE MEDIUM THROUGH WHICH IT TRAVELS
7. THE BOUNCING OF A WAVE OFF A SURFACE
9. THE NUMBER OF WAVELENGTHS THAT PASS BY A POINT EACH SECOND
12. THE LOWEST POINT OF A TRANSVERSE WAVE
14. THE HIGHEST POINT ON A TRANSVERSE WAVE

