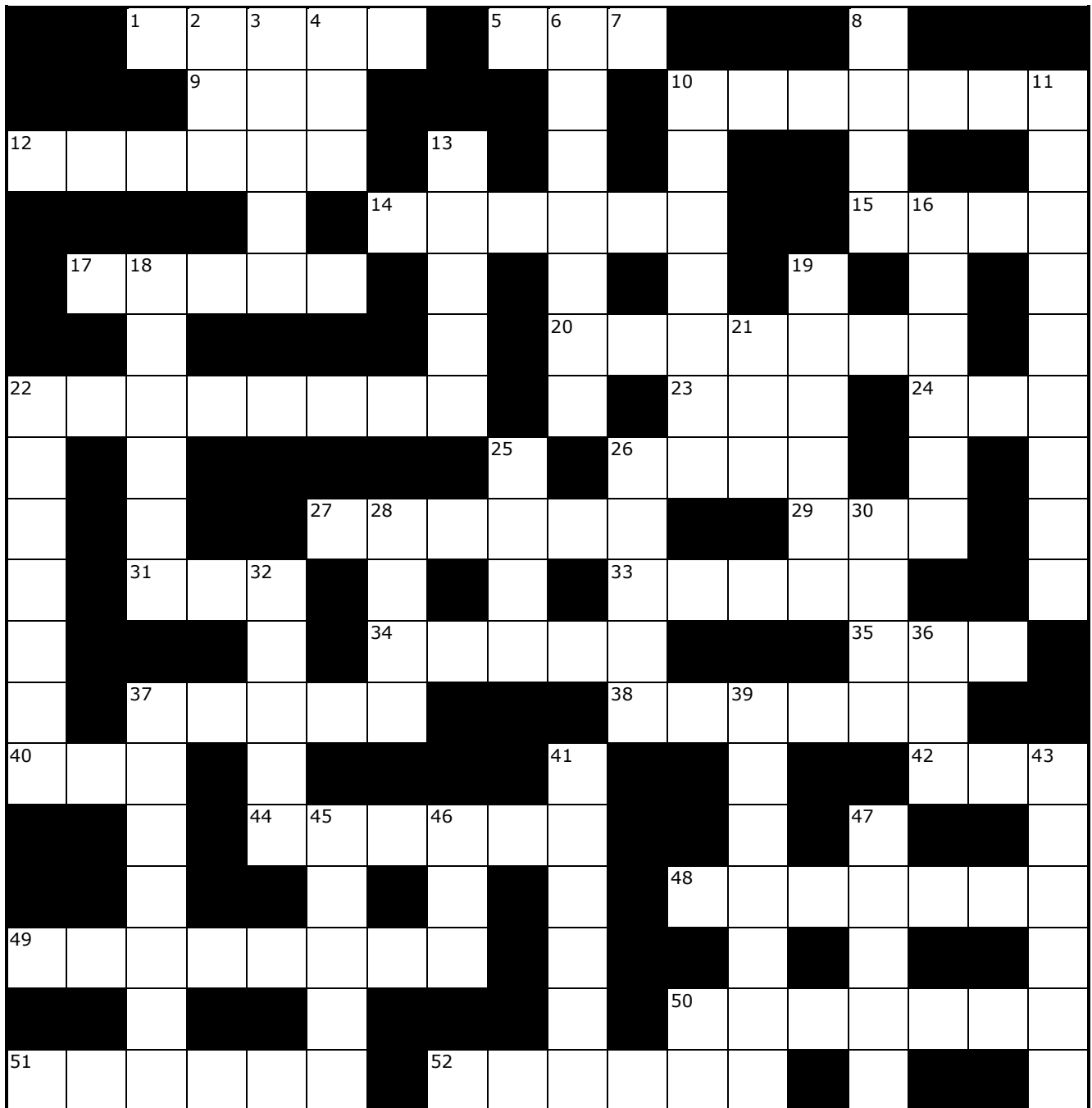




Vic Skeptics **Physics Crossword**

Theme: Measurement - Units and Quantities

By Ken Greatorex



CLUES ACROSS:

1. Fundamental SI unit of length [5]
5. Seventeenth letter of the Greek alphabet; in Physics, may represent Mass Density, Charge Density or Resistivity [3]
9. Legume [3]

10. The charge transported by a current of one ampere in one second [7]
12. Help [6]
14. Fundamental SI unit of temperature [6]
15. Narrative poem [4]
17. SI derived unit of capacitance [5]
20. SI unit of Conductance, aka the Mho [7]
22. The ability to hold a fluid, very similar to volume [8]
23. In Science and Mathematics, an established principle thought to be universal and invariable [3]
24. Event marker or action trigger [3]
26. SI derived unit of power defined as one joule per second [4]
27. Establish by authority (e.g. set of civil laws) [6]
29. Viscous liquid which is immiscible with water [3]
31. Unit of Work / Energy in the CGS System equivalent to 10^{-7} joule [3]
33. Spanish for "Good" [5]
34. Non SI unit defined as the volume of a cube of 10 cm side [5]
35. Toy which relies on the gyroscopic effect [3]
37. SI derived unit of work /energy [5]
38. SI derived unit of angular measure [6]
40. Historical period of time [3]
42. Psychic ability (abb) [3]
44. Fundamental SI unit of time [6]
48. Liquid consisting mainly of acetic acid and water [7]
49. Fundamental SI unit of mass [8]
50. Unit of area equal to 10,000 square metres [7]
51. One of the Fundamental Quantities [6]
52. Non SI unit of dry volume equal to 4 pecks [6]

CLUES DOWN:

2. Greek prefix meaning "upon," "on," "over" or "near" [3]
3. SI derived unit of magnetic flux density [5]
4. Rodent [3]
6. Crop yield [7]
8. What this is [4]
10. Fundamental SI unit of luminous intensity [7]
11. SI unit of radioactivity defined as one decay per second [9]
13. SI derived unit of electrical inductance [5]

16. SI derived unit of pressure equal to one newton per square meter [6]
18. Fundamental SI unit of electric current [6]
19. SI derived unit of force [6]
21. Protective floor covering [3]
22. Non SI unit defined as the energy needed to increase the temperature of 1 gram of water by 1°C [7]
25. SI derived unit for electric potential [4]
26. SI unit of magnetic flux [5]
28. Fundamental SI unit of amount of a chemical substance [4]
30. Tiny quantity ALSO Ninth letter of the Greek alphabet [4]
32. Non SI unit of magnetic flux intensity equal to 10^{-4} tesla [5]
36. Unity [3]
37. Hand-thrown spear [7]
39. Logarithmic unit indicating the ratio of a physical quantity (usually power or intensity) relative to a reference level [7]
41. Adjust, accommodate, suit, reconcile, conform, modify [5]
43. Distance from the Sun to an astronomical object which has a parallax angle of one arc-second; approx 3.3 light-years [6]
45. Planet third closest to Sol [5]
46. SI derived unit of electrical resistance [3]
47. SI unit of frequency [5]
50. Chemical symbol for Helium [2]

SOLUTION

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