

## Solution and Explanations

### J MILTON by Flowerman



#### Explanations

**Theme:** The theme is SI (Système International d'unités), ie, the International System of units. This is to be deduced by determining the four letter abbreviation BIPM, a body associated with SI and with confirmation coming from the presence of six of the 20 standard SI prefixes in the completed grid. To be highlighted for submission are the six prefixes, plus the symbols for all seven SI base units.

**Title:** J MILTON is a listing, in no particular order, of the official symbols for the seven dimensions linked to the SI. (Nothing to do with the poet or any other person.)

J = Luminous intensity, M = mass, I = electric current, L = length, T = Time,  $\Theta$  = thermodynamic temperature, N = amount of substance

**Answer not in Chambers:** ENOL

**Superfluous letters in clue order:** PREFIXES

**To be highlighted:** Six prefixes hidden in the grid that relate to SI are: exa-, peta-, tera-, pico-, atto-, nano- .

**Superfluous words – initial letters in clue order:** BIPM

The thematic body is BIPM (Bureau International des Poids et Mesures) one of three bodies which are involved with maintaining and updating the SI.

**To be highlighted:**

The seven base SI unit symbols. Placed together in rows 9 & 10 to form a six-sided block

In Row 9 in order: mole (mol), candela (cd), kilogram (kg)

In Row 10 in order: ampere (a), second (s), kelvin (k), metre (m)

## EXPLANATIONS

[\* = anagram; lower case = deletions; < = reversal; dd = double definition; “ ” = homophone]

### ACROSS

1. MASseTER
6. fAC(CEP)TS
11. (M + AXE)< + Skipping
13. E + THE + RISE [Sup. word: baffled]
16. stRIFE
17. PET (A) L
18. offbeAT COmedy<
19. cLEAR
20. (POOR hUTu U)\*
24. CoURSE
27. NAN(I)TEs
28. TIngE
29. D + ASH
32. ALOnE
33. dd
35. O + VALi [Sup. word: Indian]
36. RETSina
38. kUDOs
39. I in [F + (LACE)\*] [Sup. letter: P of place]
43. PRO + MO [Sup. letter: R of trick]
44. MO(LIE)RE
47. “basque”
50. LONE<
51. PA(D)UA
53. dd
54. “naughty” + CAL
55. (ONLY oN)\* [Sup. letter: E of one]
56. DIRE + (CaST)\*
57. SWALY + B

### DOWN

1. (C EARNER)\* in MY
2. A(X)I + L
3. SantA FE [Sup. word: planning]
4. E + TI(R)PS< [Sup. letter: F in feast]
5. RELiEF
7. CHAbliS
8. C/pELT [Sup. letter: I in ruin]
9. I in (T COP)\*
10. SwEAR
12. MEIANIE
14. DEPORtment<
15. STUDio
20. (TOMs COEd Us)\*  
[Sup. letter: X in coxed]
21. savoUR ICe-cold
22. WhALE
23. TONSured<
25. SEIf
26. (MaNGOS HELP)\*
30. pAVID
31. (SLAcK)\* [Sup. letter E in corpse]
33. CUvieR
34. tODO + R
35. (C CO MAY)\*
37. SPI(L)T
40. AL(BAN)IY
41. DONAtory
42. F(L)OUR [Sup. letter: S in screw]
44. MaENaD
45. E(PI)C
46. BU(L)B
48. SOL + A
49. WONKy< [Sup. word: mountaineers]
52. cA(C)T