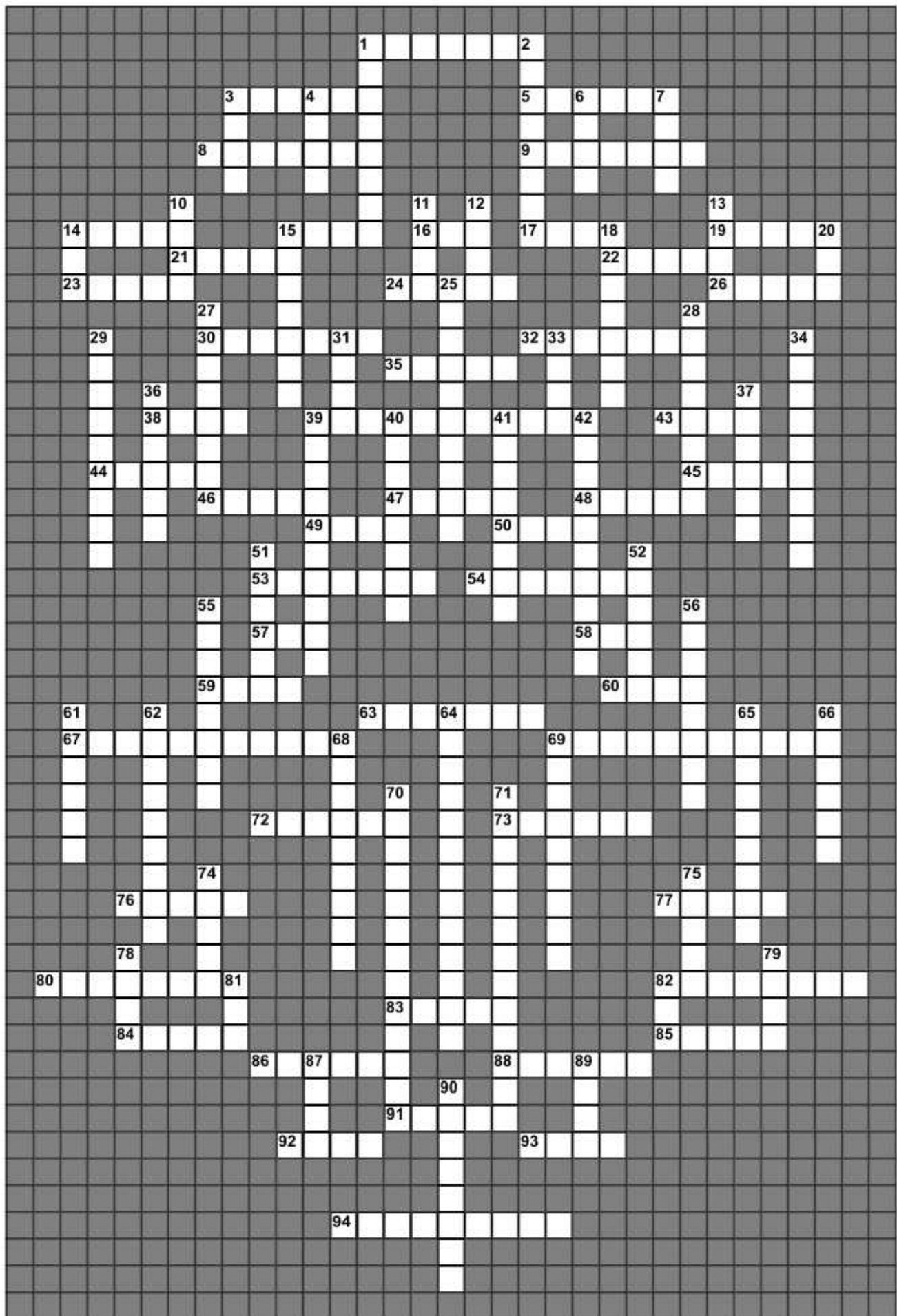


MOSTLY PHYSICS CROSSWORD PUZZLE



MOSTLY PHYSICS CROSSWORD PUZZLE CLUES

ACROSS

- linked together
- substance having a very low coefficient of friction
- perpendicular to a surface
- on a position-time graph, the slope of this construction gives instantaneous speed
- lowest value of a function
- prefix meaning 10^{-3}
- nautical unit of speed
- famous heavyweight boxer
- unit of mass in Imperial measurement system
- Newton's reaction law
- prefix meaning 10^{-2}
- correct
- prefix meaning 10^{-6}
- causes acceleration (when unbalanced)
- closed elliptical trajectory
- original
- horizontal axis of a graph (misspelled)
- a plot of a function
- zoo lock-up
- a constant written as a product with a variable
- commonly available soft wood
- name of symbol meaning "change in"
- electromagnetic radiation visible to the eye
- SI unit of length
- sitting device
- SI unit of energy
- music for two
- equations of motion are usually written as a function of this
- force transmitted in a rope
- overheard in a lab: "You don't weigh the object, you ? ? object!" (two words)
- short for toddler
- large rodent
- 2.54 centimeters
- for a rectangle, length times width
- invented the telescope
- condition when all forces and torques add to zero
- center-seeking
- vary
- metal used for electrical wiring
- prefix meaning 10^{-15}
- unit of weight in Imperial measurement system
- the shape of $y = x^2$
- a light metal, only 2.69 gm/cm³
- tally
- distance per time
- dwelling
- along a line toward the center of a circle
- spicy, bulbous plant sliced for subs (plural)
- smells terribly
- prefix meaning 10^6
- SI unit of power
- measure of the uncertainty in data

DOWN

- not variable
- study of motion and the forces that cause it
- snare
- untruths
- smallest of the litter
- high volume
- prefix meaning 10^{-12}
- prefix meaning 10^{-9}
- bluish-white metal, atomic number 30
- prefix meaning 10^{-18}
- short for mother
- energy of motion
- weakest known force
- point
- motion caused by unbalanced torque
- SI unit of mass
- individual minute entity
- scientist who first measured G
- between soprano and tenor
- combust
- to be a vector it must have this
- quantity with no direction
- the product of m and g
- number describing position along an axis
- heat-producing contact force parallel to a surface
- reference system in which Newton's 1st law holds
- path of a moving object
- pertaining to a system at rest
- quantity having both magnitude and direction
- sign of x-axis right of origin
- sign of x-axis left of origin
- spoken
- 0.6214 mile
- in the limit as " Δt approaches zero"
- another word for "vector sum"
- each and every time
- numerical value of a vector
- part of a vector resolved along an axis
- at a right angle
- changes in speed (plural)
- alloy of iron containing carbon
- idealized simulation
- measure of a body's resistance to acceleration
- ratio of opposite side of a right triangle to hypotenuse
- find a sum
- cinders
- unit of force in the CGS system
- exclude
- vector speed

MOSTLY PHYSICS CROSSWORD PUZZLE ANSWERS

ACROSS

1. coupled
3. teflon
5. normal
8. tangent
9. minimum
14. milli
15. knot
16. ali
17. slug
19. third
21. centi
22. right
23. micro
24. force
26. orbit
30. initial
32. abscissa
35. graph
38. cage
39. coefficient
43. pine
44. delta
45. light
46. meter
47. chair
48. joule
49. duet
50. time
53. tension
54. mass
57. tot
58. rat
59. inch
60. area
63. galileo
67. equilibrium
69. centripetal
72. change
73. copper
76. femto
77. pound
80. parabola
82. aluminum
83. count
84. speed
85. house
86. radial
88. onions
91. reeks
92. mega
93. watt
94. precision

DOWN

1. constant
2. dynamics
3. trap
4. lies
6. runt
7. loud
10. pico
11. nano
12. zinc
13. atto
14. mom
15. kinetic
18. gravity
20. dot
25. rotational
27. kilogram
28. particle
29. cavendish
31. alto
33. burn
34. direction
36. scalar
37. weight
39. coordinate
40. friction
41. inertial
42. trajectory
51. static
52. vector
55. positive
56. negative
61. verbal
62. kilometer
64. instantaneous
65. resultant
66. always
68. magnitude
69. component
70. perpendicular
71. accelerations
74. steel
75. model
78. mass
79. sine
81. add
82. ash
87. dyne
89. omit
90. velocity