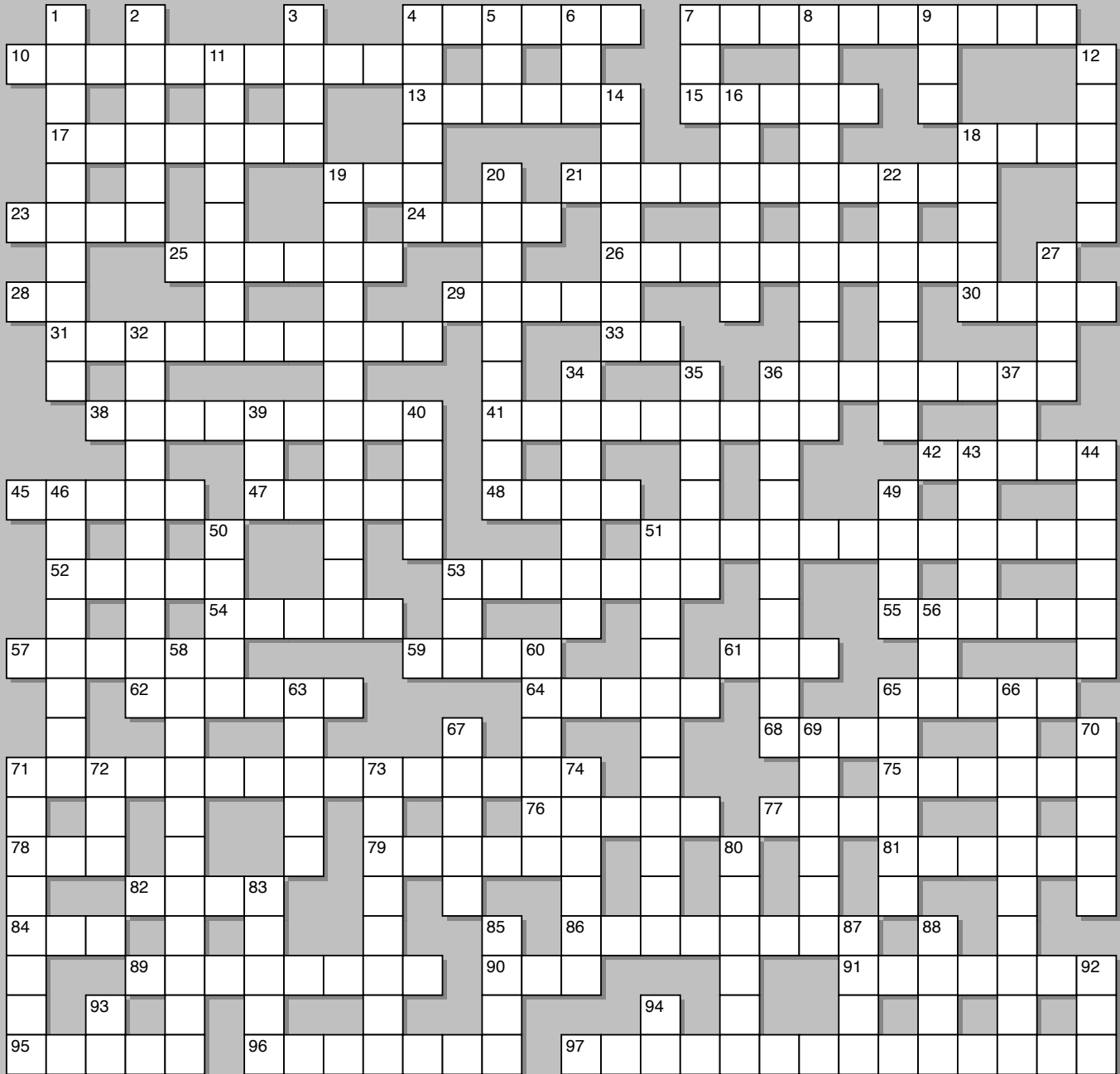


1. Science of Physics - Name _____ Date/ID _____



Across

4. small arthropod with 6 legs and 1 or 2 pairs of wings
7. tentative explanation that may be tested and verified or revised based on the outcome of observations and experiments
10. creative application of science to design technologies that solve problems or meet needs
13. seventh planet; Greek god that personified the sky
15. capital of Nigeria
17. southeast Asian nation; capital Hanoi
18. hypertext transfer protocol
19. personal identification number

Down

1. a high-level educational institution in which students study for degrees and academic research is done
2. the number of degrees in a right angle
3. percussion instrument
4. tropical lizard with a spiny crest along the back and greenish coloration
5. "Chandelier" and "Unstoppable" singer
6. central processing unit
7. home owners association
8. description only of what has actually occurred without opinion, interpretation, or exaggeration
9. environmental protection agency

Across

21. _?_ primary colors (CMYK): three colors of pigments (cyan, magenta, and yellow) that absorb light and, when mixed in various proportions, can reflect any color.
23. branch of the military devoted to ground combat
24. smallest particle of an element that can exist in isolation
25. unit of measure for force
26. controlled situation set up specifically to observe what happens under a well-defined set of circumstances
28. π
29. November birthstone
30. video conferencing service that became prominent during COVID lockdowns
31. designed world, including all inventions, devices, processes, and products developed by humans
33. electric vehicle
36. _?_ deviation: the average deviation of all the data points away from the average value of the whole set of data points
38. the kind of puzzle you're working on right now
41. rate at which a cyclic behavior repeats
42. The Tortured Poets Department singer Taylor
45. underground molten rock
47. botulinum toxin (used in cosmetic surgery)
48. hair grooming device
51. description or explanation that involves or predicts numerical values
52. popular 1970s dance music
53. _?_ physics: field of science that explains physical phenomena at atomic scales
54. cattle farm
55. reflecting surface
57. _?_ number: the number of protons in an atom
59. first man of the Christian Bible, partner of Eve
61. unidentified flying object
62. quantity that causes matter to change and mediates how much change occurs
64. fourth month
65. first letter of the Hebrew alphabet
68. The smallest fundamental unit of structure and function in living things
71. ability to obtain the same results for experiments or observations by doing the same experiment or making the same observation in the same way
75. northern lights are the _?_ Borealis
76. home planet
77. megabits per second
78. pronoun for females
79. ringed planet
81. Blackpink and BTS are prominent recording artists of _?_ popular music
82. oscillation that travels; a traveling form of energy
84. universal serial bus (yet available in many types)
86. A negatively charged particle that resides outside of the nucleus; lacks functional mass
89. makes up more than 75% of Earth's atmosphere
90. United Arab Emirates
91. an atom is the smallest constituent of a/n _?_
95. US President associated with Watergate
96. cold-blooded vertebrate with dry scaly skin
97. the process by which green plants use sunlight to synthesize nutrients from carbon dioxide and water

Down

11. It was through a combination of logic and imagination that _?_ discovered that time and space are connected
12. youngest of Snow White's dwarf friends
14. how to get juice from an orange; 1980s "Tempted" band
16. third largest island on the planet; Indonesian and Malaysian
18. unit of measure for frequency
19. _?_ cell: device that converts energy from the Sun's light into electricity
20. sleep-inducing
22. island nation dominated by volcanoes and glaciers
27. not all that glitters is _?_
32. Structure within the nucleus that comprises chromatin that contains DNA, the hereditary material
34. Green Mountain State
35. balloon gas
36. _?_ method: rigorous method of developing and testing knowledge by comparing hypotheses against objective observational evidence
37. run batted in
39. long sandwich; underwater vessel
40. _?_'s Midnight Runners had a hit with 1982's "Come On Eileen"
43. H₂O
44. well-verified set of explanations that typically are supported by a large body of scientific evidence
46. _?_ primary colors (RGB): three colors (red, green, and blue) that, when added together in various combinations, can create any other color
49. smallest particle of an element that can exist in isolation
50. action on a body that causes change in motion
51. description or explanation that does not involve or predict numerical values
53. quad erat demonstrandum; quantum electrodynamics
56. they were friends online, but had never met _?_
58. describes how matter and energy are arranged in time and space
60. physical substance that has mass and takes up space
63. spokes-animal for GEICO insurance
65. Last Frontier State
66. in Greek mythology, he stole fire from the gods
67. ninth planet from 1930 to 2006
69. an unborn or unhatched offspring in the process of development
70. Augusta is the capital of _?_
71. Anastasia villain Grigori
72. circular chart used to represent data; blueberry, pecan, key lime
73. bottom floor of a building (partially or completely underground)
74. Y in the NATO phonetic alphabet; _?_ Doodle Dandy
80. skin ink
83. the unavoidable difference between a real measurement and the unknown true value of the quantity being measured
85. 3-D shape contained by six equal squares
87. gas made to glow in signs
88. smart watches are an example of high-_?_ wearables
92. Turner Broadcast Network
93. Roman 20
94. volcanic moon orbiting Jupiter