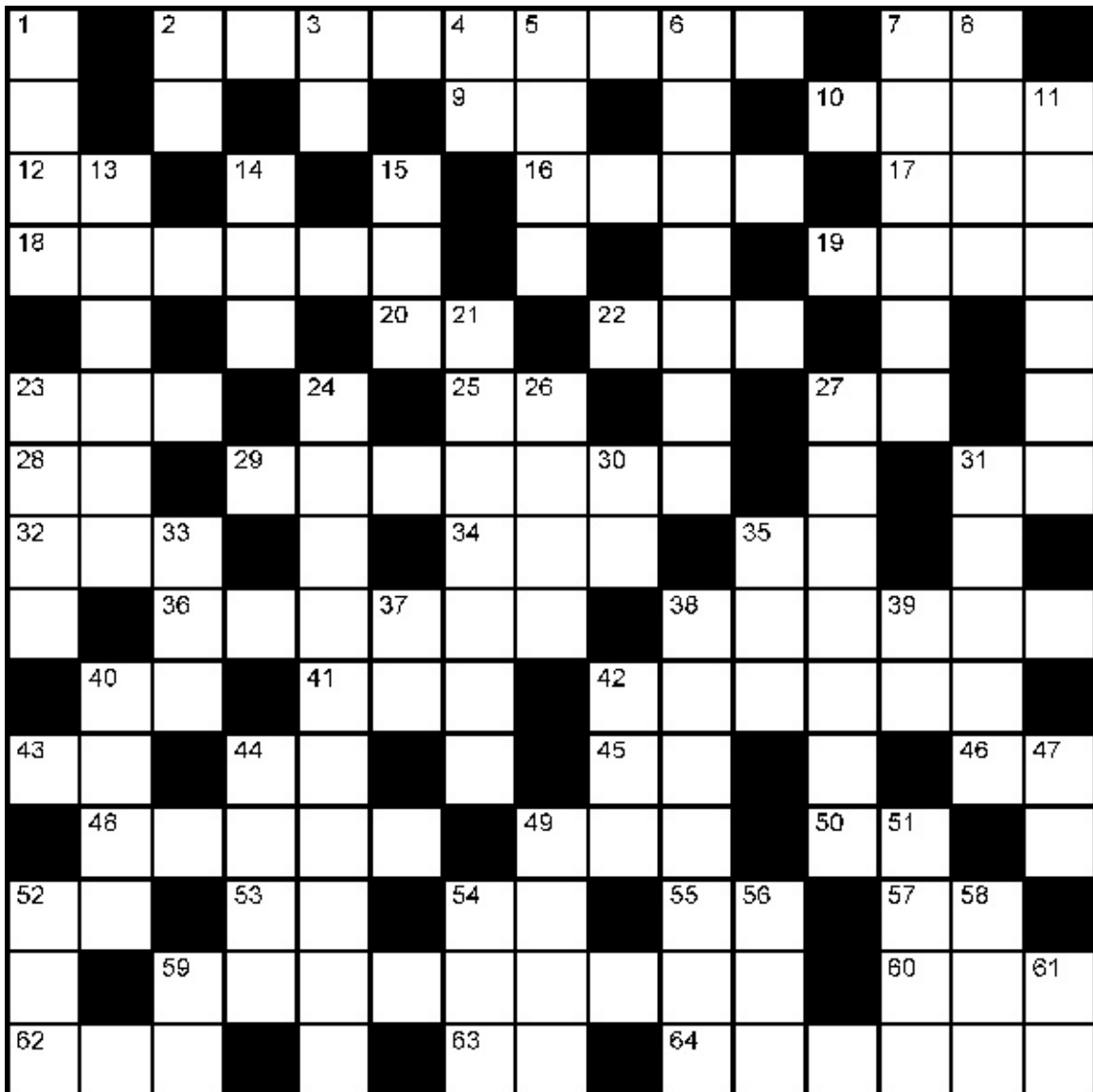


# Amateur Radio Crossword Puzzler

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## *It's Elementary*

Followers of the ARRL Web crossword puzzle know that chemical symbols certainly come in handy when there are couple of squares to be filled! It's good to turn the tables periodically. So in this quiz the subjects are largely the elements and, of course, their symbols. No doubt Watson would find this quiz elementary!



**Across**

2. Its chemical symbol is K
7. One component of salt
9. Take out with one punch (abbr)
10. Galvanizing layer
12. Used in rechargeable batteries
16. One component of solder
17. Officer in charge of technology
18. Its chemical symbol is Co
19. Ionospheric hop
20. Element named for the USA
22. Its chemical symbol is Sn
23. Place to keep parts
25. Prefix of one of the Baltic states
27. The other component of salt
28. Goes with "BAL"
29. Element named for Norse god of war
31. One of the few elements that is a liquid at room temperature
32. Where a mm station is
34. Upper limit
35. Encouraging CW abbreviation
36. Used in atomic clocks
38. The function of a CQ
40. Person that gives ham exams
41. Performed as expected
42. Blows up balloons
43. Prefix that means "two"
44. Scandinavian prefix
45. Metal used in antennas
46. Abbreviation for metal that resists corrosion
48. Its chemical symbol is B
49. Wire size (abbr)
50. This chemical symbol is the same as a midwestern state's postal code
52. Common structural material
53. CW prosign for "End of message"
54. Element named for Poland
55. A 5-dot word
57. Element named for Europe
59. Nuclear waste product
60. Circuit that generates a tone (abbr)
62. Divide into parts
63. One of the "nobel gases"
64. Points to north

## **Down**

1. Aligned in time
2. Chemical symbol for 16 Across
3. Tough metal used on airplane surfaces
4. Deceased ham (CW abbr)
5. Exchanged for money
6. Its chemical symbol is U
7. Plating on connectors
8. Prefix that means "opposite"
11. Element that makes up most wires
13. Element used to disinfect cuts and scratches
14. Most common mobile station vehicle
15. Special permission from the FCC (abbr)
21. Its chemical symbol is Hg
23. To break or explode
24. Its chemical symbol is P
26. The old name for Thailand
27. Its chemical symbol is Ca
30. Where antennas go
31. These hold up antenna elements
33. Make a top score on an exam
35. Come together as a team
37. Home state to Collins Radio
38. Country whose prefix is ON
39. Abbreviation for band above X-band
40. Feeling or emotion
42. Partners with hem
44. To examine by voice
47. Element used in most semiconductors
49. Exclusive operator's club (two words)
51. Element used to make signs
52. Codes that allow recovery of corrupted data (abbr)
54. What you wish on your enemies
56. Microwave cable connector family
58. Apply or consume
59. Precious metal
61. First widespread contest logging program

# SOLUTION

1	S	2	P	3	O	4	A	5	S	6	I	7	U	8	A	9	N	10	Z	11	C	12	Y	13	B	14	I	15	K	16	O	17	C	18	N	19	I	20	T	21	C	22	O	23	I	24	N	25	B	26	I	27	C	28	L	29	E	30	P	31	R	32	U	33	N	34	T	35	H	36	O	37	R	38	H	39	O	40	U	41	N	42	A	43	R	44	P	45	A	46	H	47	E	48	L	49	U	50	M	51	C	52	K	53	O	54	N	55	R	56	I	57	E	58	U	59	S	60	O	61	S	62	C	63	U	64	T	65	S	66	X	67	E	68	M	69	A	70	G	71	N	72	E	73	T	74	C
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