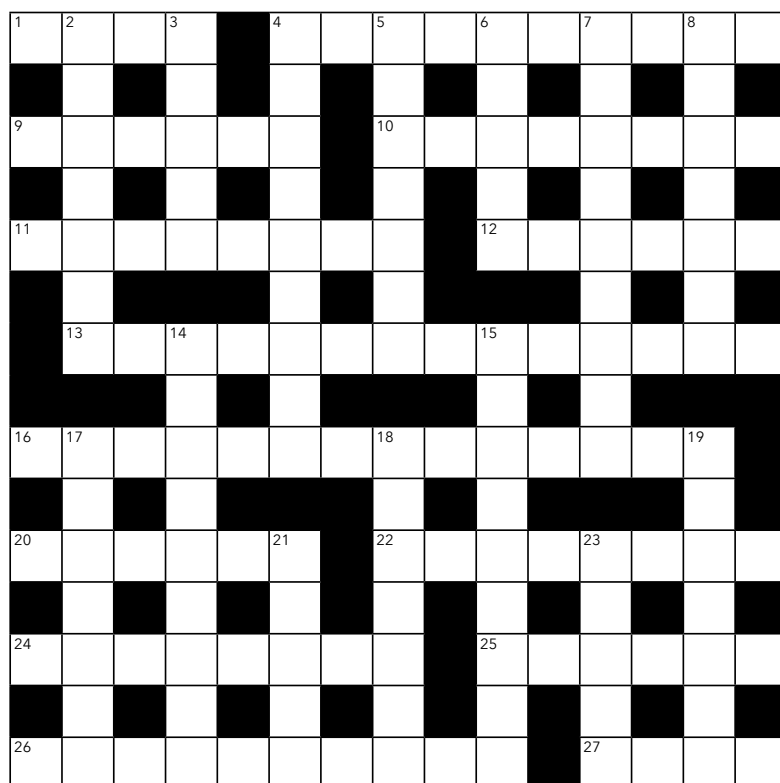
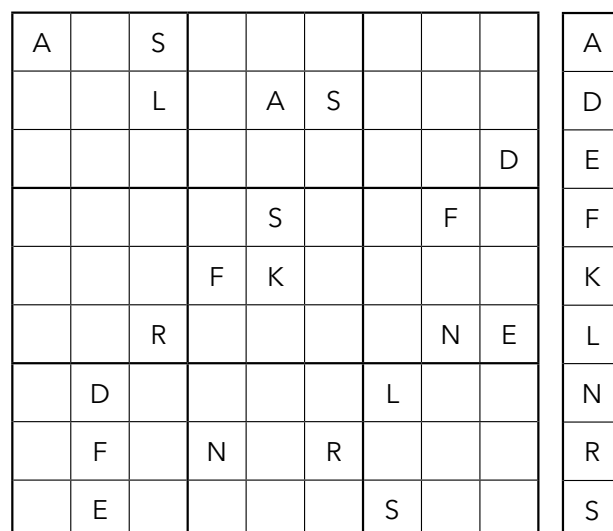


May 2025 crossword



May 2025 wordoku



Solve this wordoku in the same way as a sudoku with letters instead of numbers (each of the nine letters in each row, column and nine-square cell). Once solved, one of the overall diagonals can be rearranged to give the name of a chemist with a London blue plaque.

Cryptic

Across

- 1 Pass around the serpents (4)
 4 Second editor leaves prudish chap writing about an astronomer (10)
 9 Generally all leaving developed drive (6)
 10 Bluntest editors go a little unchecked (8)
 11 Take in again as robber arranged (8)
 12 Plague moves left to right in European capital (6)
 13 Somehow smarmier with lovely scientist (4, 10)
 16 Gunman all merry about the physicist (6, 4-4)
 20 American certain there's a sign inside (6)
 22, 27 Across Somehow I coax 18 into compound (8, 4)
 24 Sluggish company backed by South American capital I had briefly followed (8)
 25 That particular idea just not on, I admitted (6)
 26 Oscar abandoned main phobias treating these creatures (10)
 27 See 22 Across (4)

Down

- 2 Nab muse abroad – could be a ray of light (7)
 3 Plant a form of brush (5)
 4 Oh! Sky very upset with the Czech chemist (9)
 5 Lead with fruit behind? (7)
 6 Misbehave and play to the gods? (3, 2)
 7 Compose acrostic about a country (5, 4)
 8 Not the same in the June qualifiers (7)
 14 Blots out test? (9)
 15 Learns about tax settlers (9)
 17 Rum sort of gold in another metal? (7)
 18 Letters about chained animal (7)
 19 I disturbed a robin in the city (7)
 21 Rob confused His Majesty with a diamond (5)
 23 Nobel chemist to chat on the radio (5)

Quick

Across

- 1, 12 Across Codebreaker and early computer pioneer (4, 6)
 4 Type of anaemia named after the shape of the erythrocytes (6, 4)
 9 Genus of beetles (6)
 10 Old name for potassium carbonate (5, 3)
 11 From the beginning (2, 6)
 12 See 1 Across (6)
 13 US pharmacological chemist who shared the 1988 Nobel prize in physiology or medicine for work in rational drug design (8, 1, 5)
 16 US theoretical physicist who shared the 1965 Nobel prize in physics for fundamental work on quantum electrodynamics (7, 7)
 20 Atelier (6)
 22 Speed (8)
 24 Production (8)
 25 Colour of sodium flame test (6)
 26 Speed up (10)
 27 Part of a church (4)

Down

- 2 American name for an example of 9 Across (7)
 3 Polymer invented by Wallace Carothers (5)
 4 Smasher (9)
 5 A solid related to a tetrahedron but which has 12 equal triangular faces (7)
 6 Jumped (5)
 7 Aqueous solution of aluminium chloride (9)
 8 Discredited Russian agronomist and proponent of Lamarckism (7)
 14 Again add water to (9)
 15 Moss, for example (9)
 17 Jaundiced (7)
 18 Dutch organic chemist who shared the 2016 Nobel prize in chemistry for work on molecular machines (7)
 19, 21 Down Laughing gas (7, 5)
 21 See 19 Down (5)
 23 Letter of the Greek alphabet (5)

Quick quiz:

1. Silicon dominates the electronic industry now, but what other semiconducting element was used in the first transistor made in 1947?
2. Fab 18 has been called the 'most advanced factory in the world' and it makes silicon chips that are shipped around the world. Which country is it in?
3. Silicon carbide is almost as hard as diamond and is used in abrasives. What is its more common name?
4. In which decade were the first silicones made?
5. Fill in the blanks to this quotation by French biophysicist Gérard Bricogne: 'Mankind is a catalysing enzyme for the transition from a _____-based to a _____-based intelligence.'

Solutions: 1. Germanium 2. Taiwan 3. Carborundum 4. 1900s 5. Carbon and silicon

Entry form

There are four prize puzzles on this page: cryptic crossword; quick crossword; wordoku; and coronene. For each puzzle, a winner will be selected from all the correct entries received and awarded a £25 UK book voucher.

You can enter any or all of the prize draws, but each entrant is only eligible to win one of the individual puzzle prizes each month.

Please enter your details below and email a scan or photograph of this page with your completed entries to us by **19 May 2025**. The winners of this month's puzzles will be published in the June 2025 issue, along with the solutions.

Email: chemistryworld@rsc.org

Name

Address

Participants are advised that any personal information supplied will be processed in connection with this competition and only in accordance with our privacy statement (www.chemistryworld.com/privacy).

Our puzzles are sponsored by Restek, leading provider of innovative and high-quality chromatography products, comprehensive technical resources and exceptional customer service.

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May 2025 coronene puzzle

Place each of the seven element symbols in one hexagon of coronene to spell three words, one horizontally and two diagonally. Plural words are allowed, but you may not switch the order of the letters in any two-letter symbols (eg, sodium must be Na, not aN). The four symbols in the central hexagon of each of this month's coronenes can be combined to spell the name of a Hungarian radiochemist and Nobel prize winner.

Elements:

A. At, Co, Ds, He, Re, S, W

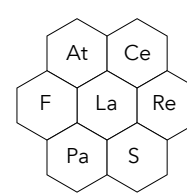
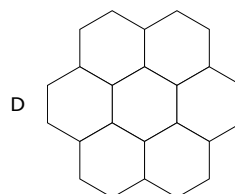
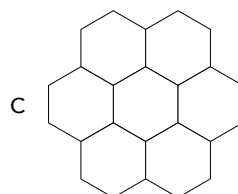
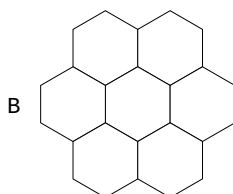
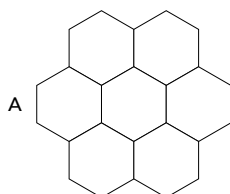
B. Al, Ca, Er, Es, Ne, O, V

C. Co, Es, Fl, Fr, H, N, Ts

D. Co, Cr, Er, La, Pt, Pu, Y

For example:

Answers:



Answers:
Atlas
Flare
Palace

April 2025 solutions and winners

Cryptic

A	L	E	X	A	N	D	E	R	P	A	R	K	E	S
P	D	U	E	E	M	A	I							
H	O	D	G	K	I	N	C	L	E	A	R	E	R	
I	I	S	U	E	R	S	A							
D	Y	N	E	A	D	M	I	N	I	S	T	E	R	
	G			E	P	C								
S	A	T	R	A	P	S		T	R	I	U	M	P	H
I	O	N					U	A						
G	A	N	D	A	L	F		A	D	M	I	R	E	R
N				T	A									
A	N	G	I	O	G	R	A	M	S		T	O	R	A
L		E	M		A		E	F		P				
L	O	B	B	I	E	D	T	E	L	F	O	R	D	
E		E	S	A		E	A		L					
D	O	R	O	T	H	Y	C	R	O	W	F	O	O	T

Quick

B	E	R	N	A	R	D	C	O	U	R	T	O	I	S
A		E		G		E		U		E		I		C
S	C	H	W	A	N	N		T	O	D	D	L	E	R
I		Y		R		M		L		U		E		E
C	O	D	E		M	A	R	I	E	C	U	R	I	E
		R					R		E		T			C
P	E	A	C	O	C	K		R	E	I	N	S	C	H
A		T		D						O		T		E
T	H	E	O	D	O	R		C	O	N	F	E	S	S
R				H		A		A						R
I	M	P	L	A	N	T	I	N	G		B	I	A	S
O		H		S		I		D		T		L		M
T	R	Y	P	S	I	N		E	P	O	X	I	D	E
I		L		E		G		L		R		S		L
C	H	A	R	L	E	S	H	A	T	C	H	E	T	T

Wordoku

The Japanese chemist who researched the chemistry of green tea was (Michiyo) TSUJIMURA

Coronene puzzle

- A. Bays, Byte, Flyer
B. Halos, Salts, Scales
C. Acorn, Flow, Prose
D. Cows, Newts, Power

The name of the Nobel prize-winning medical physicist was (Rosalyn) Yalow.

April winners

Coronene
H Hunter
London, UK

Wordoku
Hannah Bott
Bristol, UK

Cryptic crossword
Paul Turner
Kenilworth, UK

Quick crossword
Declan Fleming
Newton Longville, UK