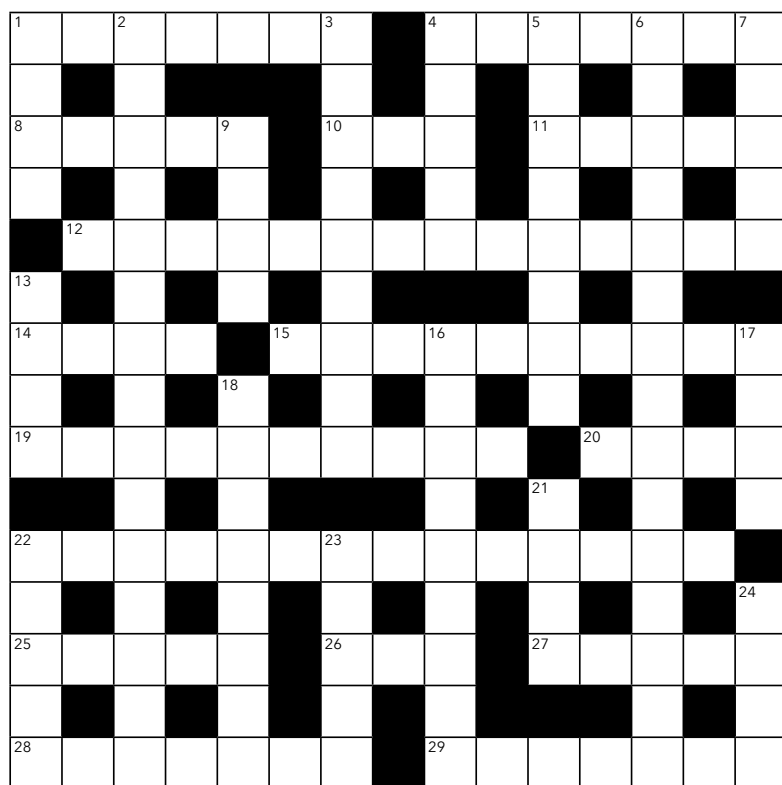


October 2025 crossword



October 2025 wordoku

N				M		S			E	C
				C	O	T				E
										I
S									W	M
	W	T		N			I	M		N
I									T	O
M	E							N	O	S
	O	N					M	T		T
	C			O		N		E		W

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 a class of antifungal drugs.

Cryptic

Across

- 1 Not all of the cosmos is spreading (7)
- 4 Still be calm about the current (7)
- 8, 25 Across Double Nobel laureate oddly ruined a cerium compound (5, 5)
- 10 Greek character hiding in our house (3)
- 11 Something in the air over there? (5)
- 12 Geologists out loving class at sea (14)
- 14 Astronomer first off on random travels (4)
- 15 Broken seat inside - metal fatigue! (3, 7)
- 19 Lowest form of the monster (10)
- 20 See 13 Down (4)
- 22 Tree for an East Asian busybody you might say? (8, 6)
- 25 See 8 Across (5)
- 26 Etonian oddly ignored return of the worker (3)
- 27 Cancel ulna repair around November (5)
- 28 Revolutionary once the old band's lead singer-songwriter (7)
- 29, 18 Down Sci-fi author writing about one irritable hen (6, 1, 8)

Down

- 1, 23 Down Clash over some measure of resistance (4, 5)
- 2 I left out eerily true epigram about the radiochemist (10, 5)
- 3 Unit right about most metal (9)
- 4 One small charge on the island (5)
- 5 Invigorate reign - see development (8)
- 6 Czech chemist burns lab working over hot gold (8, 7)
- 7 In space researching a heavenly body (5)
- 9 Sketched, leaving desk to make an engraving (4)
- 13, 22 Down, 20 Across Pharmacologist juggling job after job can heal (4, 5, 4)
- 16 Engineer tries demo instrument (9)
- 17 Fish return with endless sleet (4)
- 18 See 29 Across (8)
- 21 Thought of a little hideaway (4)
- 22 See 13 Down (5)
- 23 See 1 Down (5)
- 24 Insect to run away from reportedly (4)

Quick

Across

- 1 Evolutionary biologist and author of *The Selfish Gene* (7)
- 4 Tunisian, Egyptian, or Rwandan for example (7)
- 8 Improvise (5)
- 10 Garland (3)
- 11 Vaccine (5)
- 12 Indian physicist who worked on cosmic rays (5, 9)
- 14 Resistance units (4)
- 15 As a whole (10)
- 19 Glasses (10)
- 20 Hexadentate chelating agent (abbrev) (4)
- 22 British nutritionist and co-author of *The Composition of Foods* (5, 9)
- 25 Hurts (5)
- 26 Old computer operating system (abbrev) (3)
- 27 Describing a signal that has been disrupted by unwanted interference (5)
- 28 Historical region of Central Europe renowned for its coal fields and metal mines (7)
- 29 Swedish chemist who discovered chlorine (7)

Down

- 1 Aerodynamic coefficient, symbolised by c_d (4)
- 2 British astronomer who discovered the planet that lends its name to element 92 (7, 8)
- 3 Acid named after the Latin for 'willow' (9)
- 4 ----- acid, examples being threonine and valine (5)
- 5 What are left in the filter after filtration (8)
- 6 $\text{Ce}(\text{OH})_4$ (6, 9)
- 7 Clouds (5)
- 9 An element is named after this Danish theoretical physicist (4)
- 13 Charged particles (4)
- 16 Takes too much (9)
- 17 ----- gas, a gas that does not conform to the ideal gas law (4)
- 18 Forces per unit surface, as in the equation for Young's modulus (8)
- 21 English chemist, physicist and inventor of an incandescent light bulb (4)
- 22 Co-discoverer of vitamin E (5)
- 23 Birthplace of physicists Bose and Raman (5)
- 24 Unit of digital information (4)

Quick quiz:

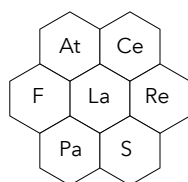
- Who is the only person to have won a Nobel prize in two different scientific disciplines?
- Which two people have won the Nobel prize in chemistry twice?
- Which recipient has won the Nobel prize three times?
- The Nobel prize medals of Max von Laue and James Franck were hidden in Denmark from the invading Germans in 1940. How and where?
- 'A physicist who never lost her humanity' is engraved on the tombstone of this person who was nominated many times for the Nobel prize yet never received it. They did however have an element named after them. Who were they?

Solutions:
 1. Marie Curie 2. Frederick Sanger and Barry Sharpless 3. International Committee of the Red Cross 4. By dissolving the gold in aqua regia in the laboratory of the Niels Bohr Institute in Copenhagen. The gold was subsequently precipitated after the war and the medals recast. 5. Lise Meitner

October 2025 coronene puzzle

Place each of the seven elemental 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 letter 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 out the name of an American astronomer whose work provided evidence of dark matter and after whom an observatory in Chile is named.

For example:



Answers:

Atlas

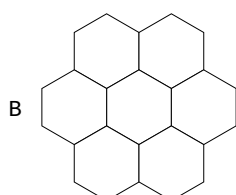
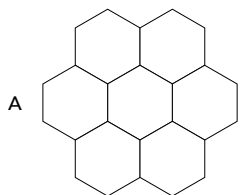
Flare

Palace

Elements:

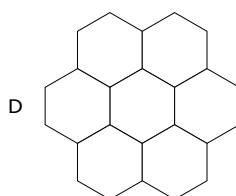
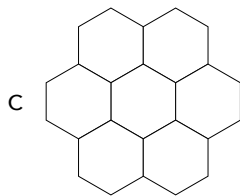
A. Ir, N, Ne, P, Re, Ru, Pt

B. Am, B, Ba, Bi, Er, Ra, Y



C. Ho, I, K, No, Pr, Rh, Sm

D. Ce, Ge, N, O, Po, Si, Y



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 **20 October 2025**. The winners of this month's puzzles will be published in the November 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 Lab Innovations, the event where every scientist is in their element, will stir up solutions, and bond with others.

Lab Innovations is the UK's leading annual trade show for the laboratory industry

The UK's leading annual trade show for the laboratory industry is taking place on 29–30 October 2025 at NEC Birmingham. Bringing together scientists, suppliers, and industry professionals across sectors, it's the ultimate platform for discovery, networking, and innovation. This year's theme, 'collABorate': celebrates the power of working together to drive scientific progress. From cutting-edge tech to expert talks, Lab Innovations is where ideas mix, solutions form,

and the lab community bonds like never before. Get your free pass to the future of laboratories.



September 2025 solutions and winners

Crossword

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

Wordoku

The Italian chemist specialising in the area of soft matter was (Silvia) MARCHESAN.

Coronene puzzle

- A. Bases, Cusp, Resin
 B. Binds, Ink, Inner
 C. Amok, Float, Scorn
 D. Bawdy, Own, Sewer

The British physical chemist and novelist famous for his lecture *The Two Cultures* was (C P) Snow.

September winners

Coronene
 David Roebuck
 Leicester, UK

Wordoku
 Sue Matejschuk
 Hitchin, UK

Quick crossword
 Stan Carter
 Brigg, UK