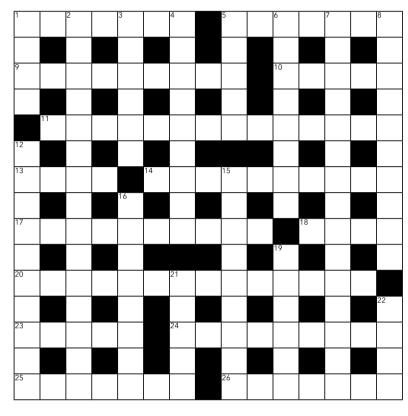
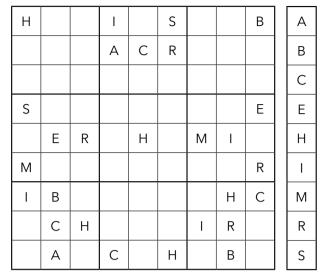
### February 2025 crossword



# February 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 an American chemist who combines chemistry and biology in the science of therapeutics.

# Cryptic

- Across
- Clue about sun centre (7)
  Rachel left out copper compound for the writer (7)
- 9 Somehow I dirty tub. Result: cloudiness! (9)
- 10 Rotunda becomes spherical after architect edges away (5)
- 11 Mix alum with iodine, you finally prepare another compound (9, 5)
- 13 Call the band (4)
- 14 Pharmacists treating extremely impetuous spenders (10)
- 17 Alert enemy to something simple? (10)
- 18 Over prohibition in Scottish town (4)
- 20 Retell poem around July; it could help the irritation (9, 5)
- 23 Cutter could be a destroyer by the sounds (5)
- 24 Fancy a city lass can get a reaction going (9)
- 25 Cut reported attempt to back group (7)
- **26** Oscar leaves same rose arrangement for the ruler (7)

## Down

- 1 Catches alien between the poles (4)
- 2 Chemist who clicked with Barry playing Z Z Top endlessly once I left (7, 8)
- 3 Somehow imagine I departed; it's a puzzle (6)
- 4 Possibly its nicest profession (9)
- 5 You upset extremely cuddly rodent (5)
- 6 A little Alastair born easily aloft (8)
- 7 Circus brats vile about people like you? (15)
- 8 Correcting Bible lesson before putting on clothes? (10)
- 12 Drink on the house for the wild child? (4, 6)
- 15 Merry poet redrafted for the instrument (9)
- **16** Course right around first European capital (8)
- 19 Some novel luminary's parchment(6)
- 21 Surprisingly I abandon poetic place for Mickey Mouse science (5)
- 22 Enquires within flask store (4)

#### Quick Across

- 1 Scylla serrata (3, 4)
- 5 Construction toy which Harry Kroto credited for helping develop his scientific skills (7)
- 9 English physicist who shared the 1951 Nobel prize in physics for splitting the atomic nucleus (9)
- 10 English geneticist, Nobel prize winner, former president of the Royal Society and chief executive and director of the Francis Crick Institute (5)
- 11 First woman to work for the US Geological Survey (8, 6)
- 13 Currency whose banknotes have europium in them as an antifraud device (4)
- 14 Antibiotic discovered by Alexander Fleming (10)
- 17 Correspondences in form on opposite sides of a plane, line or point (10)
- 18 Unadulterated (4)
- 20 Between molecules (14)
- 23 Semiprecious silica mineral that occurs in bands of varying colours (5)
- 24 CN<sub>2</sub>H<sub>2</sub> (9)
- 25 Inhabitant (7)
- 26 Gave medical care or attention to (7)

#### Down 1 Silie

- 1 Silica mineral which can be split into thin, elastic plates (4)
- 2 CH<sub>2</sub>Cl<sub>2</sub>(15)
- 3 Transcript (6)
- 4 Ursus arctos (5, 4)
- 5 Unit of length (5)
- 6 Plant which supplies THC and CBD, among many other compounds (8)
- 7 Farming advisor (15)
- 8 Willing to consider new ideas (4-6)
- 12 Hungarian physicist, biologist and inventor who conceived the nuclear chain reaction in 1933 (3, 7)
- 15 Unrefined (9)
- 16 Photographic shutter used for very low shutter speeds, using birefringent nitrobenzene in a transparent container (4, 4)
- 19 C<sub>4</sub>H<sub>10</sub> (6)
- **21** Happen (5)
- 22 Element that can cause plumbism (4)

### Quick quiz:

- 1. Which anaesthetic was administered to Queen Victoria by royal physician John Snow during the births of Prince Leopold in 1853 and Princess Beatrice in 1857?
- 2. Snow experimented with another anaesthetic before the above. What was it?
- 3. Snow has a blue plague erected in his memory ('the father of epidemiology') by the Royal Society of Chemistry near a water pump in London from which he tracked an outbreak of a certain disease. What was the disease?
- 4. About 10,000 people died of this disease in the 1990s in Peru as the authorities stopped disinfecting the water with what?
- 5. Nobel prize-winning writer Gabriel García Márquez wrote Love in the Time of [answer to Q3], which opens with the line: 'IT WAS INEVITABLE: the scent of bitter almonds...' due to what?

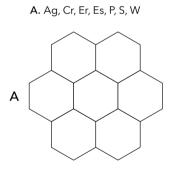
1. Chloroform 2. Ether (diethyl ether) 3. Cholera 4. Chlorine 5. Suicide by cyanide suoitulos

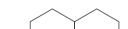
## February 2025 coronene puzzle

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 (eq, 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 an Italian philospher and mathematician with an asteroid and crater on Venus named after her.

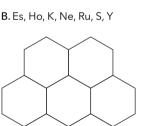
В

### Elements:





Quick



### January 2025 solutions and winners

Cryptic														
А	Т	А	Х	1	А		S	Ι	м	Ρ	L	Е	S	Т
	Н		Υ		Τ		Т		Т		Е		Е	
К	Т	L	L	E	R	С	Е	L	L		S	А	С	Κ
	Ν		1				Ρ		L		0		R	
А	G	А	Т	н	А	С	н	R	1	S	Т	Т	Е	
			0		Ν		А		S		Н		Т	
S	К	Е	L	E	Т	0	Ν		Е	Х	0	Т	Т	С
	Т				А		Т		С				0	
G	L	Υ	С	0	L		Е	Х	0	С	R	Т	Ν	Е
	0		0		К		К		Ν		Е			
	J	0	S	1	А	Н	W	E	D	G	W	0	0	D
	0		I		L		0				Т		Ρ	
К	U	Н	Ν		Ι	L	L	U	М	Ι	Ν	А	Т	Е
	L		Е		Ν		Е		0		D		Т	
Ν	Е	W	S	Ρ	Е	А	К		В	Ι	S	Е	С	Т

S	Т	R	А	Т	А		А	Ν	G	S	Т	R	0	М
	R		Q		Ζ		Ν		0		Е		В	
S	Т	Ν	U	S	0	Ι	D	А	L		R	U	S	Т
	К		Е				R		D		R		Е	
D	E	С	0	М	Ρ	R	Е	S	S	Ι	0	Ν	S	
			U		Н		А		С		Т		S	
Е	R	0	S	Ι	0	Ν	S		Н	Е	R	0	I	Ν
	Е				Т		М		М				0	
T	Ν	D	Т	G	0		А	V	Т	С	Е	Ν	Ν	А
	Е		Ν		F		R		D		Ν			
	W	А	S	Н	Т	Ν	G	S	Т	А	Т	Т	0	Ν
	А		Т		Ν		G				Т		Ζ	
0	В	Е	Υ		Τ	R	R	Ι	G	А	Т	Т	0	Ν
	L		L		S		А		А		L		Ν	
М	Е	Υ	Е	R	н	0	F		S	W	Е	D	Е	Ν
_	_	_	_											_

## 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.

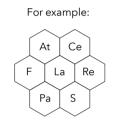
Please enter your details below and email a scan or photograph of this page with your completed entries to us by 20 February 2025. The winners of this month's puzzles will be published in the March 2025 issue, along with the solutions.

Email: chemistryworld@rsc.org

Name .....

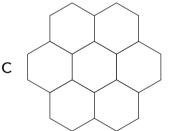
Address \_\_\_\_\_

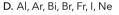
Participants are advised that any personal information supplied will be processed in connection with this competition and only in accordance with our privacy statement (www.chemistryworld.com/privacy).

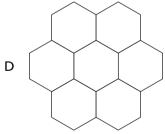


Answers: Atlas Flare Palace

C. Co, Er, La, Li, S, Ts, Y







### Wordoku

The drug commonly used in the treatment of type 2 diabetes was GLIPIZIDE

#### Coronene puzzle

A. Brass, Pasta, Wash B. Alias, Amine, Ruin C. Almond, Osmose, Remote D. Cover, Lavas, Naval

The name of the biochemist and prolific writer of science and science fiction was (Isaac) Asimov.

### January winners

Coronene Martin Wesley Luton UK

Wordoku Derek Chadwick Bromley, UK

Cryptic crossword Lee Vousden Earlswood, UK

Quick crossword Stuart Smith York, UK