

### July 2009 Chemistry Wordoku

	I			O		E		P
	E				G	R		
M	N	O						
				P		G		R
		N	O		T	P		
T		M		E				
						I	O	T
		G	R				P	
O		E		T			R	

E
G
I
M
N
O
P
R
T

Solve this 'wordoku' in the same way as a sudoku with letters instead of numbers (the nine letters once in each row, column and nine-square cell). Once solved, one of the overall diagonals contains the jumbled surname of a chemist who received a Nobel prize for his work in the area of thermodynamics.

O	I	A	S	C	H	L	P	N
P	N	C	A	L	I	O	H	S
L	S	H	P	O	N	I	C	A
H	A	L	O	I	P	S	N	C
I	O	P	C	N	S	H	A	L
S	C	N	H	A	L	P	I	O
N	H	O	I	S	A	C	L	P
C	L	I	N	P	O	A	S	H
A	P	S	L	H	C	N	O	I

#### Solution to June 2009 Chemistry

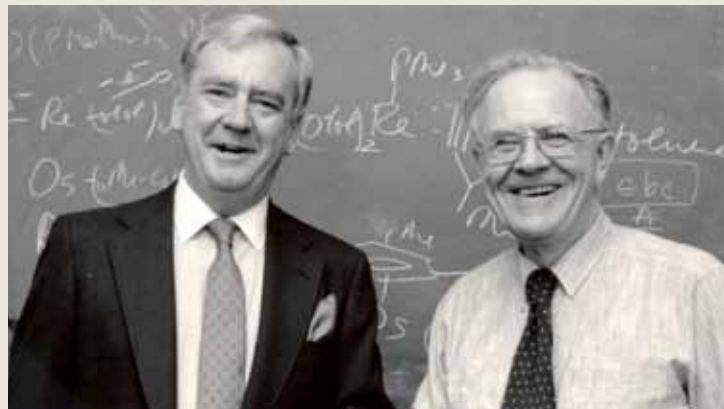
##### Wordoku

The chemist's name hidden in the diagonal is (Jeremy) Nicholson of Imperial College London, UK, a pioneer in metabolomics who received the RSC's silver medal for chemical biology in 2003.

The winner of the June 2009 *Chemistry World* Wordoku competition is M Pater, London, UK.

**The winner of this month's chemistry Wordoku will be published next month. For a chance to win a £25 book voucher, please send your completed Wordoku to the address on p2 or fax to +44 (0)1223 426017 by 15 July 2009.**

## Who, where or when?



Answer: Alan Cowley (left) with Sir Geoffrey Wilkinson (right) at Imperial College London, UK, in 1988, when Cowley succeeded Wilkinson to the Robert A Welch chair in chemistry. where he still holds the Robert A Welch chair in chemistry. In 1989 Cowley returned to the University of Texas at Austin, US.

### July 2009 Crossword

1		2		3		4		5		6		7		8
9						10								
11										12				
13						14								15
16		17											18	
19										20		21		
22										23			24	
25														
										26				

#### Across

- 1 Thimble extractor blending lots of xenon and hydrogen (7)
- 5 Plain rapier I brandished (7)
- 9 Time-keeper in X-rated role (5)
- 10 Against thicker lens? (9)
- 11 Innately talented at lunar exercise (7)
- 12 Agitatedly drop tie and get power (7)
- 13 Will unwell on taking tungsten (3)
- 14 Left-leaning leaders loved by lepidopterists (3,8)
- 16 Shape conjured up by prestigitation? (5,6)
- 18 Wet part of seat (3)
- 19 Fish for artist in Sebastopol locks (7)
- 20 Physicist engaged in door-to-door selling (7)
- 22 Confused, I'd paid chief, and dropped pH (9)
- 24 Hidden gem in top azalea (5)
- 25 Come back mad before time and it hurts (7)
- 26 Tour area (avoiding Uruguayan capital) in a roundabout way for pneumatic charger (7)

#### Down

- 1 Metal nut I lost in swirling storm (9)
- 2 Sweetener for twisted toil after first few bars of xylophone? (7)
- 3 Theban city the centre of fearful uxoricides (5)
- 4 Amused or titillated sixth ball? (7,4)
- 5 Writing implement to use when swanning around? (3)
- 6 No aniseed mix in this antiarrhythmic (9)
- 7 Ancient Egyptian stone discovered in toaster (7)
- 8 Eerily mixed up and losing leading lady in resting place for the high and mighty (5)
- 12 Mixed up, each Dad rode these shapes (11)
- 14 Working out conkering (9)
- 15 Tzars rage about this astronomer (9)
- 17 Top gun with onion in its element? (7)
- 18 Spin pet around a little bit (7)
- 19 Placido without company is checked (5)
- 21 Waiter loses second tip but remains solvent (5)
- 23 Pious lose plutonium in Greek island (3)

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

#### Solution to June 2009 crossword

The winner of the June 2009 *Chemistry World* crossword competition is J Mills, Birmingham, UK

**The winner of this month's crossword will be published next month. For a chance to win a £25 book voucher, please send your completed crossword to the address on p2 or fax to +44 (0)1223 426017 by 15 July 2009.**