

Hidden chemistry words puzzle

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A dozen six-letter words commonly used in chemistry have been separated into individual letters and jumbled throughout the box. You need to find the correct first letter for each word and then follow the given route noted below each line to spell the answer. The words are in alphabetical order and each letter in the grid is used only once. The directions under each line tell you what move you must make from the previous square to find that letter. (In other words, you must move three squares south from the correct A to find the second letter in the first word.)

				N ↑							
	E	A	N	R	I	R	E	D	I		
	U	E	A	R	U	A	N	M	T		
	G	E	K	N	Y	B	O	X	R		
W	←	S	C	O	N	M	I	E	D	O	→ E
	U	P	C	Y	Q	L	B	I	U		
	B	P	D	Z	I	E	N	O	B		
	R	O	E	G	C	I	R	C	D		
	T	E	A	O	I	C	R	L	E		
				↓ S							



Prize: Periodic Table Photo Cards

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| <p>1) <u> A </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">3S 5E 1N 2W 4S</p> <p>2) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3E 2S 4W 3N 6S</p> <p>3) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 2S 6W 5N 4S 2W</p> <p>4) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3S 3W 5N 3S 2E</p> <p>5) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 4N 3E 2S 3E 3S</p> <p>6) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3N 4E 2S 1E 3S</p> | <p>7) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 6W 2N 1S 3N 7E</p> <p>8) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3W 2N 5W 3S 1E</p> <p>9) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 5E 1N 3W 6S 2N</p> <p>10) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3W 3N 4E 4N 1W</p> <p>11) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 3N 3W 4W 2N 2E</p> <p>12) <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u></p> <p style="padding-left: 40px;">? 2E 2S 2E 4N 3E</p> |
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Enter your students' correct solutions into a draw on or before September 1, 2019. The prize is a deck of Periodic Table Photo Cards by Theodore Gray (featured speaker at ChemEd 2019, page 3). The prize is for the teacher and is donated by Educational Innovations. For information about this prize go to www.teachersource.com. Please have your students print their full name clearly and send your students' solutions to: *Chem 13 News*, Hidden chemistry words puzzle, Department of Chemistry, University of Waterloo, Waterloo, Ontario, N2L 3G1, Canada; or email kjackson@uwaterloo.ca. ■