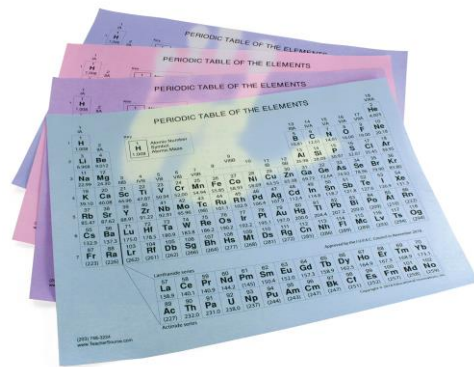# Hidden elements puzzle

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Enter your students' correct solutions into a draw on or before January 10, 2020. The prize is a pack of 30 Large Heat-Sensitive Periodic Tables donated by Educational Innovations *(www.teachersource.com).* Please have your students **print their full name clearly**, and send your students' solutions to: *Chem 13 News*, Hidden elements puzzle, Department of Chemistry, University of Waterloo, Waterloo, Ontario, N2L 3G1; or email kjackson@uwaterloo.ca, along with your school's complete mailing address. Prizes are for Canada and United States submissions only. Printable hidden elements puzzle.

You can start in any square in a grid and move horizontally, vertically or diagonally to any neighboring square, but no square may be reused when finding an individual element. For example, the element platinum can be found in the following grid by starting at the P and then following the letters that are bolded:

L	A	S	G	M
P	F	T	U	I
O	I	N	F	E

There are nineteen different elements hidden in this grid. Searching carefully, can you find all of them?

L	R	S	V	L	H	T
A	L	E	C	A	I	U
P	S	A	N	T	L	S
T	R	O	D	I	H	E
U	G	L	R	Z	U	M

The nineteen elements are:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____