

## Alien Periodic Table

Name: \_\_\_\_\_

Use what you know about the elements of the Periodic Table to place alien elements. The alien elements has the same characteristics and properties of the real elements. Clues about the alien elements appear in the box below.

	1						18	
1		2		13	14	15	16	17
2								
3								
4								
5								

Chemical Symbol	Element Name	Characteristics
Bo	Bombal	noble gas; lowest atomic mass of noble gases
Wo	Wobble	noble gas; highest atomic mass of noble gases
J	Jeptum	noble gas
L	Logon	noble gas; lighter than Jeptum
X	Xtalt	Group 1
By	Byyou	Group 1; atomic mass of 22
Ch	Chow	lowest atomic mass in Period 2
Q	Quackzil	Group 1; in same Period as Wobble
A	Apstrom	nonmetal; gains or shares 1 electron; atomic number is 9
V	Vulcania	nonmetal; gains or shares 1 electron; in the same period as Q and Wo
Kt	Kratt	nonmetal; gains or shares 1 electron; in Period 3
E	Ernst	metalloid; lowest atomic mass of metalloids
Hi	Higho	metalloid; in Group 14
T	Terriblum	metalloid; in Group 14; has more protons than Hi
Ss	Sississ	metalloid; highest atomic mass of metalloids; in Group 15
Yz	Yazzer	touches the zigzag but it is a metal, not a metalloid
Pf	Pfsst	lightest element of all
EI	Eldorado	heaviest element of all
D	Doggone	has 4 protons
F x	Floxxit	atomic number 6
R	Rhaatrap	metal in Period 4
Do	Dodeer	metal in Period 4; has 2 valence electrons
M	Magnificon	in Group 15
G	Goldy	in Group 15; has the fewest number of electrons in Group 15
Up	Urp	gains 2 electrons when it reacts
Oz	Oz	gains 2 electrons when it reacts; has a lower atomic number than Up
Nu	Nuutye	gains 2 electrons when it reacts; has 8 protons
An	Anatom	has a total of 49 electrons
Z	Zapper	loses 2 electrons when it reacts; atomic mass of 24
Pi	Pie	loses 2 electrons when it reacts