



THE PERIODIC TABLE

Vocabulary Review

Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

Column A

- _____ 1. The highest occupied s and p sublevels are partially filled.
- _____ 2. The highest occupied s sublevel and a nearby d sublevel contain electrons.
- _____ 3. metals having only 2 electrons in the highest occupied energy level
- _____ 4. one half the distance between the nuclei of two atoms of the same element when the atoms are joined
- _____ 5. decreases for cations and anions from left to right across a period
- _____ 6. measures the ability of an atom to attract electrons when the atom is in a compound
- _____ 7. an atom or group of atoms that has a positive or negative charge
- _____ 8. elements in which the highest occupied s and p sublevels are filled
- _____ 9. nonmetals of Group 7A
- _____ 10. The highest occupied s sublevel and a nearby f sublevel contain electrons.
- _____ 11. energy required to remove an electron from an atom
- _____ 12. positively charged ion
- _____ 13. Group 1A elements
- _____ 14. good conductors of heat and electric current
- _____ 15. negatively charged ion
- _____ 16. poor conductors of heat and electric current

Column B

- a. representative elements
- b. electronegativity
- c. atomic radius
- d. metals
- e. ionization energy
- f. cation
- g. noble gases
- h. alkali metals
- i. inner transition metals
- j. nonmetals
- k. ionic radius
- l. ion
- m. Group 2A
- n. transition metal
- o. halogens
- p. anion