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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

Column B

- | | |
|--|----------------------------|
| _____ 1. The highest occupied <i>s</i> and <i>p</i> sublevels are partially filled. | a. representative elements |
| _____ 2. The highest occupied <i>s</i> sublevel and a nearby <i>d</i> sublevel contain electrons. | b. electronegativity |
| _____ 3. metals having only 2 electrons in the highest occupied energy level | c. atomic radius |
| _____ 4. one half the distance between the nuclei of two atoms of the same element when the atoms are joined | d. metals |
| _____ 5. decreases for cations and anions from left to right across a period | e. ionization energy |
| _____ 6. measures the ability of an atom to attract electrons when the atom is in a compound | f. cation |
| _____ 7. an atom or group of atoms that has a positive or negative charge | g. noble gases |
| _____ 8. elements in which the highest occupied <i>s</i> and <i>p</i> sublevels are filled | h. alkali metals |
| _____ 9. nonmetals of Group 7A | i. inner transition metals |
| _____ 10. The highest occupied <i>s</i> sublevel and a nearby <i>f</i> sublevel contain electrons. | j. nonmetals |
| _____ 11. energy required to remove an electron from an atom | k. ionic radius |
| _____ 12. positively charged ion | l. ion |
| _____ 13. Group 1A elements | m. Group 2A |
| _____ 14. good conductors of heat and electric current | n. transition metal |
| _____ 15. negatively charged ion | o. halogens |
| _____ 16. poor conductors of heat and electric current | p. anion |