

Name _____

Periodic Table Worksheet

Use a copy of the periodic table to answer each question.

1. Where are the most active metals located? _____
2. Where are the most active nonmetals located? _____
3. As you go from left to right across a period, the atomic size (decreases, increases). Why? _____
4. As you travel down a group, the atomic size (decreases, increases). Why? _____
5. A negative ion is (larger, smaller) than its parent atom.
6. A positive ion is (larger, smaller) than its parent atom.
7. As you go from left to right across a period, the first ionization energy generally (decreases, increases). Why? _____
8. As you go down a group, the first ionization energy generally (decreases, increases). Why? _____
9. Where is the highest electronegativity found? _____
10. Where is the lowest electronegativity found? _____
11. Elements of Group 1 are called _____.
12. Elements of Group 2 are called _____.
13. Elements of Group 3-12 are called _____.
14. As you go from left to right across the periodic table, the elements go from (metals, nonmetals) to (metals, nonmetals).
15. Group 17 elements are called _____.
16. The most active element in Group 17 is _____.
17. Group 18 elements are called _____.
18. What sublevels are filling across the Transition Elements? _____
19. Elements within a group have a similar number of _____.
20. Elements across a series have the same number of _____.
21. A colored ion generally indicates a _____.
22. As you go down a group, the elements generally become (more, less) metallic.
23. The majority of elements in the periodic table are (metals, nonmetals).
24. Elements in the periodic table are arranged according to their _____.
25. An element with both metallic and nonmetallic properties is called a _____.