

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

Date: \_\_\_\_\_

# Periodic Table Worksheets

1. Is a negative ion larger or smaller than its parent atom? **larger**
2. Is a positive ion larger or smaller than its parent atom? **smaller**
3. As you go from left to right across a period, does the first ionization energy generally increase or decrease? **increases**
4. Elements of Groups 3 - 12 are called **Transition Metals**
5. As you go from left to right across the periodic table, do the elements go from nonmetals to metals or metals to nonmetals? **Metals to nonmetals**
6. Elements across a period have the same number of what? **Energy levels**
7. Are the majority of the elements on the periodic table metals or nonmetals? **metals**
8. Elements in the periodic table are arranged according to their **atomic number (of protons)**
9. An element with both metallic and nonmetallic properties is called a **metalloid or semi-metal**
10. Where are the most reactive metals located? **Group 1 - Alkali Metals**
11. As you go from left to right across a period, does the atomic radius increase or decrease? **decrease**
12. As you travel down a group, does the atomic radius increase or decrease? **increase**
13. As you go down a group, does the first ionization energy generally increase or decrease? **decrease**
14. Where is the highest electronegativity found? **Fluorine (top right)**
15. Where is the lowest electronegativity found? **Francium (lower left)**