

Name \_\_\_\_\_

## Grouping Elements



1. What is the significance of the group number and period number of an element in the periodic table?
2. What are the main characteristics of the transition metals?
3. What is the relationship between an element's position in a group and its chemical reactivity?
4. What are the characteristics of the metalloids?
5. How does electronegativity change as you move from left to right across a period in the periodic table?
6. What is the relationship between an element's position in a period and the number of energy levels it has?
7. What are the main groups of elements in the p-block of the periodic table?
8. What are the characteristics of the lanthanides and actinides?
9. How does atomic radius change as you move from top to bottom within a group in the periodic table?
10. What is the trend for ionization energy as you move from left to right across a period in the periodic table?