

Periodic Table Basics

Metals, Nonmetals, and Metalloids→ Please indicate if the following are metal, nonmetal, or metalloid

- | | |
|-------|-------|
| 1. Na | 6. Ni |
| 2. S | 7. Si |
| 3. Cl | 8. Ge |
| 4. H | 9. Fe |
| 5. K | 10. I |

Periods and Families

What Period are the following elements located in?

- | | |
|-------|-------|
| 1. Na | 6. Ni |
| 2. S | 7. Si |
| 3. Cl | 8. Ge |
| 4. H | 9. Fe |
| 5. K | 10. I |

What Family/Group are the following elements located in?

- | | |
|-------|-------|
| 1. Na | 6. Ni |
| 2. S | 7. Si |
| 3. Cl | 8. Ge |
| 4. H | 9. Fe |
| 5. K | 10. I |

What are the family names for the following families/groups?

1. Group 1
2. Group 2
3. Group 17
4. Group 18

Periodic Table Basics

Valence Electrons

Please indicated the number of valence electrons in each atom.

1. Na

2. S

3. Cl

4. H

5. K

6. Ni

7. Si

8. Ge

9. Fe

10. I