

Name: _____

Date: _____

Periodic Table Trends Worksheet

Explain each of the following characteristics of the periodic table.

1. Explain why Chlorine (Cl) has a higher electronegativity value than Iodine (I)
2. Why are the trends for electronegativity and ionization energy similar? (use the definition to help you)
3. Explain why Sodium (Na) has a smaller radius than Cesium (Cs)
4. Explain why Rubidium (Rb) has a smaller ionization energy than Iodine (I)
5. Explain the trend for ionization energy as you move down a group on the periodic table (from top to bottom). Make sure to explain why this trend occurs.