**Periodic Table Quiz – General Chemistry**

1. List three general properties of alkali metals. (3 pt)
2. How does bonding in metals differ from that of nonmetals? (6 pt)
3. Selenium is a shiny grey solid, as is nickel. However, only one of these elements has been used to make coins in the past, while the other cannot. Indicate which element you believe can be used to make coins. Explain your reasoning. (6 pt)
4. Why do elements in the same group have the same properties? (3 pt)
5. Explain why the electronegativity of elements increases as you move across a period in the periodic table. (5 pt)
6. Explain what the shielding effect has to do with ionization energy and electronegativity. (5 pt)