**Unit 2: Periodicity Test Review**

1. Describe the development of the periodic table. Include the contributions of John Newlands, Julius Lothar Meyer, Dmitri Mendeleev and Henry Moseley.
2. Tin has physical and chemical characteristics most like: indium, antimony or lead?
3. Iodine has physical and chemical characteristics most like: bromine, tellurium or xenon?
4. Define ionization energy.
5. Define electronegativity.
6. Define electron affinity.
7. Define atomic radius.
8. Which has the larger atomic radius: nitrogen or oxygen? nitrogen or phosphorus?
9. Which has the greater ionization energy: sodium or magnesium? sodium or potassium?
10. Which has the greater electronegativity: germanium or arsenic? tin or germanium?
11. Which has the greater electron affinity: silicon or chlorine? tin or silicon?