

Name _____

Homework 24: The Periodic Table

1. How are elements arranged in the modern periodic table?
2. Name the three broad classes of elements.
3. Which of these sets of elements have similar physical and chemical properties? Explain.
 - a. Oxygen, nitrogen, carbon, boron
 - b. Strontium, magnesium, calcium, beryllium
 - c. Nitrogen, neon, nickel, niobium
4. Identify each element as metal, non-metal or metalloid.
 - a. Gold
 - b. Silicon
 - c. Sulfur
 - d. Barium
 - e. Oxygen
5. Name two elements that have properties similar to those of the element Chlorine.