Periodic Table Reinforcement (S332.2.7) Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chem 332 – O’Dette Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_

1. How did chemists begin the process of organizing elements?
2. Who was the first person to create a periodic table?
3. What property was used to organize the first periodic table?
4. How are elements arranged in the modern periodic table?
5. Give the symbol of the element described by the following:
   1. Group 2, Period 5 \_\_\_\_\_\_
   2. Group 8, Period 6 \_\_\_\_\_\_
   3. Group 18, Period 1 \_\_\_\_\_\_
   4. Group 13, Period 2 \_\_\_\_\_\_\_
6. Which of these sets of elements have similar physical and chemical properties?
   1. oxygen, nitrogen, carbon, boron
   2. strontium, magnesium, calcium, beryllium
   3. nitrogen, neon, nickel, niobium
7. Approximately how many elements are found on the periodic table?