Skill Practice 20

Periodic Table

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Configurations

Hour: \_\_\_\_\_

1. Use the noble gases to write abbreviated electron configurations for…
   1. Germanium
   2. Barium
   3. Bromine
   4. Bismuth
   5. Manganese
   6. Gold
2. What column of the periodic table contains elements whose electron configurations end with d4?
3. What row of the periodic table contains elements with 4d electrons?
4. What row of the periodic table contains elements with 3p electrons?
5. In each row of the “d block” there are only 10 elements. Why is this?
6. In each row of the “p block” there are only 6 elements. Why is this?