

### Periodic Table Scavenger Hunt

1. The name of the element whose symbol is W. \_\_\_\_\_
2. The name of the heaviest element on the chart. \_\_\_\_\_
3. An element that is a **liquid metal**. \_\_\_\_\_
4. The name of group 17. \_\_\_\_\_
5. The symbol of the element with an atomic mass of 207.2 \_\_\_\_\_
6. The symbol for the element gold. \_\_\_\_\_
7. The lightest weight element that is **not** a gas. \_\_\_\_\_
8. The element in group 4 period 4. \_\_\_\_\_
9. The symbol for tin. \_\_\_\_\_
10. The number of periods on the Periodic Table. \_\_\_\_\_
11. Any man-made element \_\_\_\_\_

9. What happens to the number of valence electrons as you move across the table (left→right)?

\_\_\_\_\_.

10. What happens to the number of energy levels (n) as you move down a row (column)?

\_\_\_\_\_.

11. In what family are the following classified?

Radium \_\_\_\_\_ Tin \_\_\_\_\_  
Iodine \_\_\_\_\_ Cesium \_\_\_\_\_

12. Using your knowledge of rows what would you predict the valence electrons to be:

Barium: \_\_\_\_\_ Lead: \_\_\_\_\_ Bismuth: \_\_\_\_\_ Potassium: \_\_\_\_\_