

## Chapter 16 and 17 – Labeling the periodic table

### Chapter 16

- Put a picture on back of periodic table with atomic number, symbol, name, and atomic mass
- Number the periods and groups on the periodic table
- Energy levels
  - The period = energy level except d-block
    - Off by 1
- Label the valence electrons
- Label metals, nonmetals, and metalloids on periodic table
  - black box around metalloids
  - left arrow for metals and right arrow for nonmetals

### Chapter 17

- Label the groups of metals
  - Group 1, 2, 3-12
  - Label Hg as the only liquid metal (l)
  - Label the main group elements
- Label the groups of nonmetals
  - Groups 17, 18
  - Label Br as the only liquid nonmetal (l)
- Label Group 16