Periodic table review.

\_\_\_\_\_1. Which element reacts by losing electrons from two principal energy levels?

A) Pb B) Fe C) Zn D) K

\_\_\_\_\_2. What is the most active metal in period 4?

A) Na B) K C) Cl D) Br

\_\_\_\_\_3. The ion typically formed by an alkaline earth metal has a charge of

A) 1 + B) 2+ C) 3+ D) 1−

\_\_\_\_\_4. Which group contains all three phases of matter at room temperature?

\_\_\_\_\_\_5. What is the most active **nonmetal** in period 3?

\_\_\_\_\_\_6. What is the most active nonmetal in group 16?

\_\_\_\_\_\_\_7. The most active metals are those with

A) high ionization energies and large radii

B) low ionization energies and large radii

C) high ionization energies and small radii

D) low ionization energies and small radii

\_\_\_\_\_\_\_8. Which of the following elements has the strongest attraction for shared electrons? A) N B) O C) Cl D) S

\_\_\_\_\_\_\_9. Which element is a metalloid? A) Cl B) Ar C) Ge D) Zn

\_\_\_\_\_\_\_10. It requires the greatest amount of energy to remove an electron from an atom of A) N B) O C) Cl D) S