

CHEMISTRY ~ PERIODIC TRENDS PRACTICE #1

Which has the *largest atomic size*?

- 1) Mn, Fe, Co, Ni
- 2) Mg, Ca, Sr

Which has the *larger ionic size*?

- 3) Ca or Ca^{2+}
- 4) Br or Br^-

Which has the *lowest ionization energy*?

- 5) Na, Al, P
- 6) Rb or N
- 7) I, Te, Sb, Sn
- 8) Cr, Mo, W

Which has the *lowest electronegativity*?

- 9) Cl, As, In
- 10) Sc or Zn
- 11) Na, K, Rb, Cs
- 12) U or S

Which has the *highest electron affinity*?

- 13) B, C, N, O
- 14) Si, Ge, Sn
- 15) Fr or Cl

Define in your own words:

- 16) periodicity
- 17) atomic size
- 18) ionization energy
- 19) electronegativity
- 20) electron affinity