

1. Identify each of the following elements as a metal or a non-metal.
 - a. Li
 - b. Cl
 - c. He
 - d. Be

2. Identify the following compounds as ionic or molecular.
 - a. H_2O
 - b. KCl
 - c. CaF_2
 - d. C_2H_6
 - e. Al_2S_3
 - f. N_2O_5

3. Name the following compounds (hint identify if they are ionic or molecular first – ionic=no prefixes, molecular=prefixes)
 - a. LiF
 - b. Al_2O_3
 - c. Mg_3N_2
 - d. CCl_4
 - e. CaCl_2
 - f. Si_3H_8
 - g. N_2Cl_5