**Compound Names & Formulas HW #5**

***Name the following compounds and give the atom or ion ratio***

1. CCl4

carbon tetrachloride

1 C : 4 Cl

1. NaCl
2. CaO
3. CO
4. CoO
5. Al2O3
6. CO2
7. NO2
8. CI4
9. KCl

**Give the formula for the following compounds and give the atom or ion ratio**

1. nitrogen monoxide

NO

1 N : 3 O

1. dichlorine heptoxide
2. sulfur hexafluoride
3. carbon monoxide
4. carbon dioxide
5. dihydrogen monoxide
6. phosphorus trichloride
7. phosphorus trifluoride
8. phosphorus tribromide
9. nitrogen monoxide

***Name the following compounds and give the atom or ion ratio***

1. HgO

mercury(II) oxide

1 Hg2+ : 1 O2-

1. Hg2O
2. As2O3
3. NO
4. CaS
5. FeO
6. Fe2O3
7. MgO
8. CaO
9. NO2

***Give the formula for the following compounds and give the atom or ion ratio***

1. silicon dioxide

SiO2

1 Si : 2 O

1. silicon disulfide
2. silicon diselenide
3. copper (I) chloride
4. copper (II) chloride
5. sodium chloride
6. calcium chloride
7. calcium oxide
8. silver oxide
9. diarsenic pentoxide